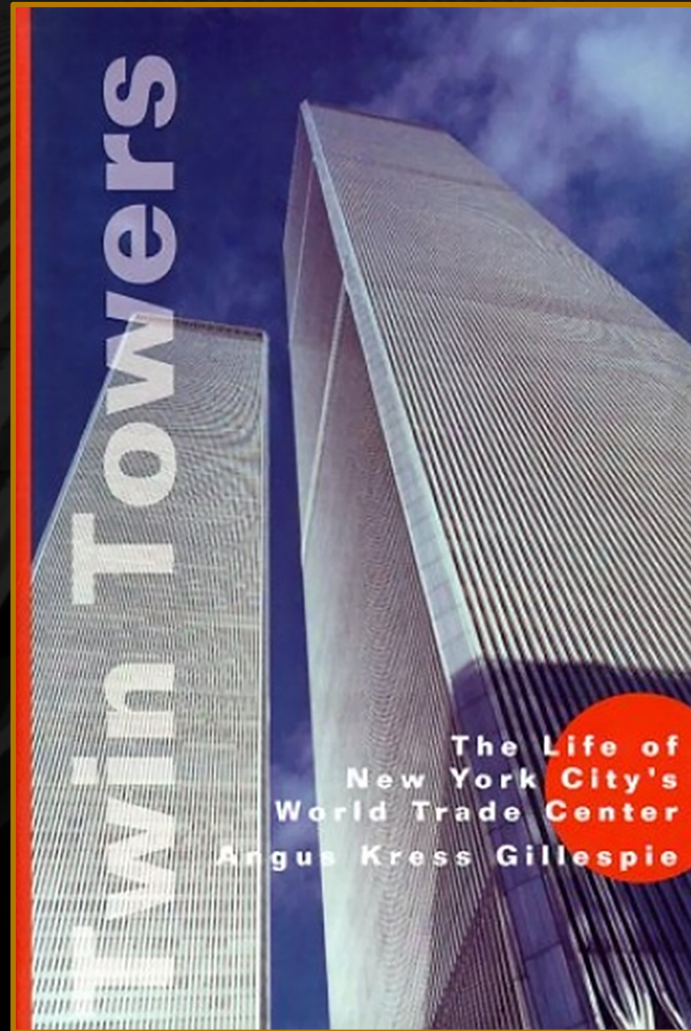




9/11: What Happened
Episode 2

But What Was the World Trade Center?

MARIUS OLTEAN
Anarcho-Knowledge.com



"Twin Towers: The Life of New York City's World Trade Center"

by Dr. Angus K. Gillespie (1999)

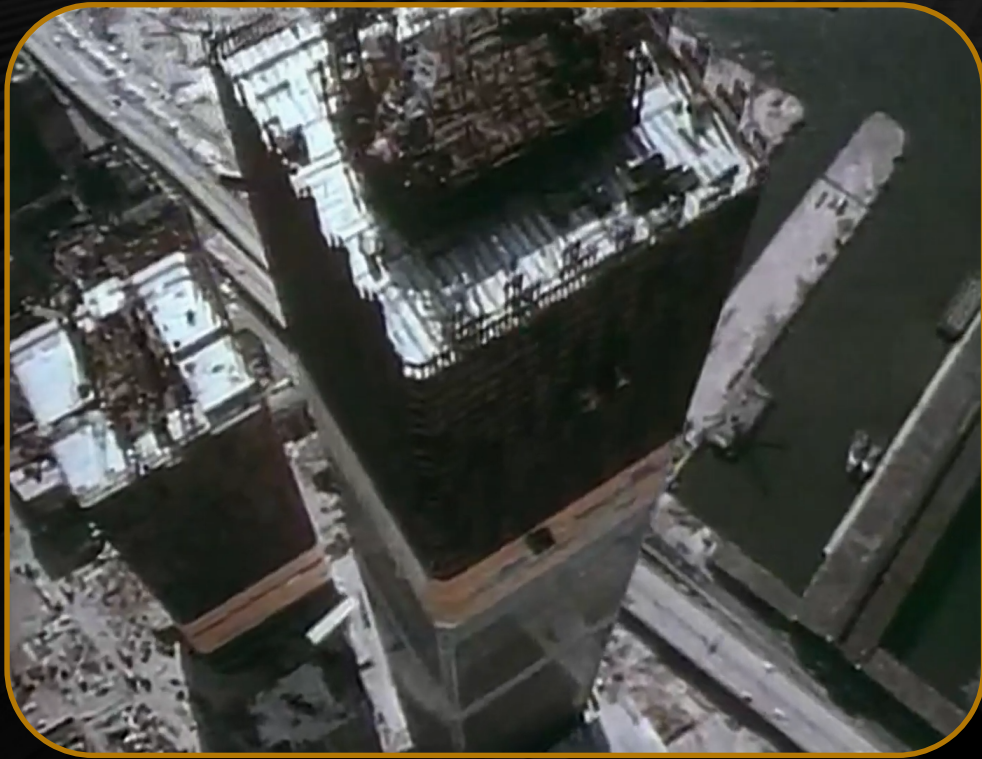
<https://www.anguskressgillespie.com/>

New York: A Documentary Film - Episode 8: The Center of the World
(dir. Ric Burns, PBS, 2003)



<https://youtu.be/L1upARZNkzc>

Building the World Trade Center (Port Authority NY NJ, PBS, 1983)



<https://player.pbs.org/viralplayer/2080404629/>



<https://odysee.com/@skrussellak:e/Building-The-World-Trade-Center-%281983%29:b>



<https://youtu.be/03QRZG9J3Mw>

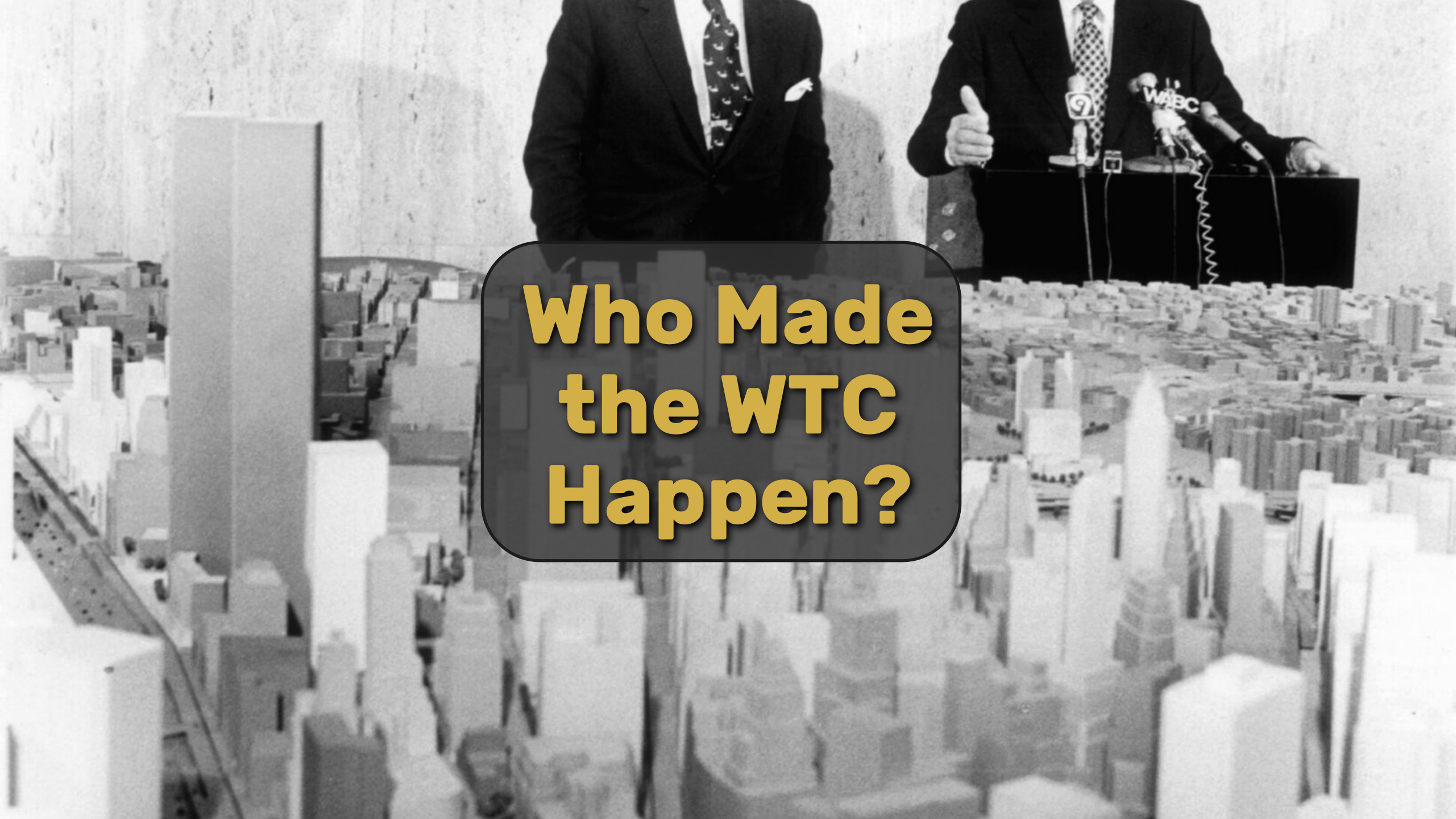
Modern Marvels: World Trade Center (History Channel, 2001)



[https://odysee.com/@QuantumRhino:9/Modern-Marvels--World-Trade-Center-\(2001\):0](https://odysee.com/@QuantumRhino:9/Modern-Marvels--World-Trade-Center-(2001):0)



<https://youtu.be/aiyDLdUWIDM>



**Who Made
the WTC
Happen?**

THE
CHASE
MANHATTAN
BANK



TRILATERAL
COMMISSION

BILDERBERG

David Rockefeller
Banker

DOWNTOWN-LOWER MANHATTAN



ASSOCIATION, INC.





Nelson Rockefeller
NY State Governor, 1959-73

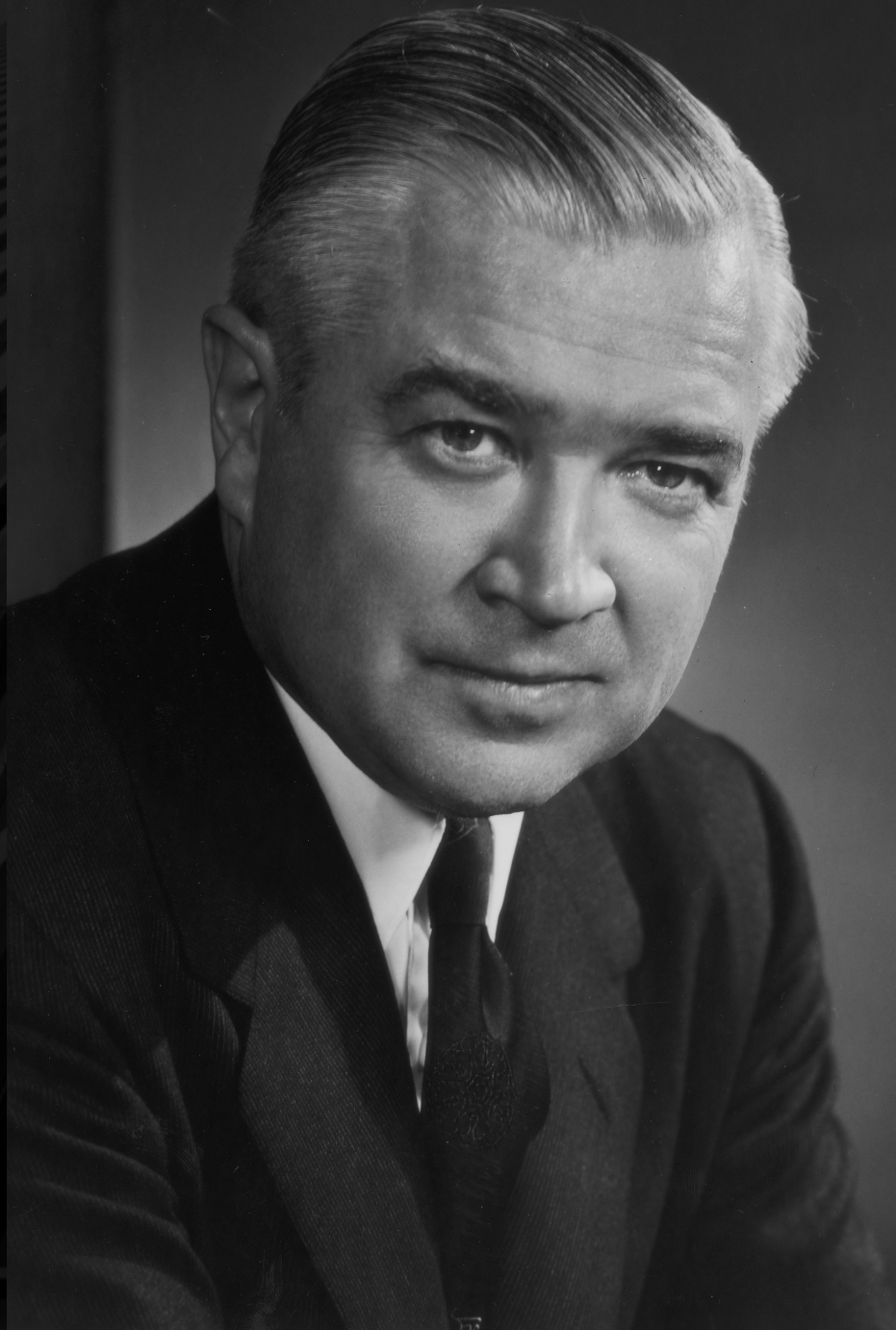


**David (left) and
Nelson (right)
Rockefeller**



THE PORT AUTHORITY
OF NY & NJ





Austin Tobin

Port Authority NY NJ
Exec. Director, 1942-72

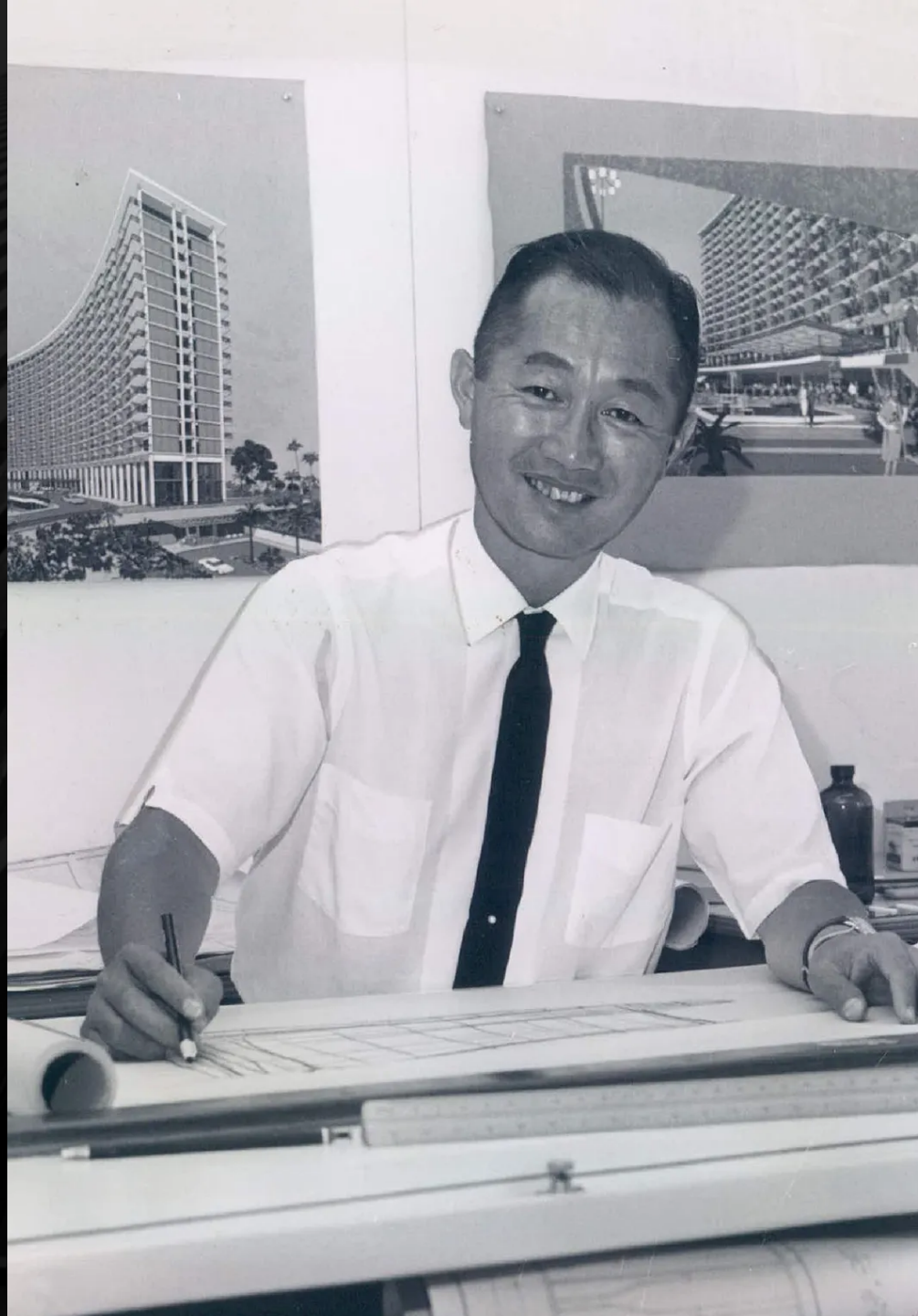


Guy Tozzoli
WTC Director, 1962-87



Lee Jaffe

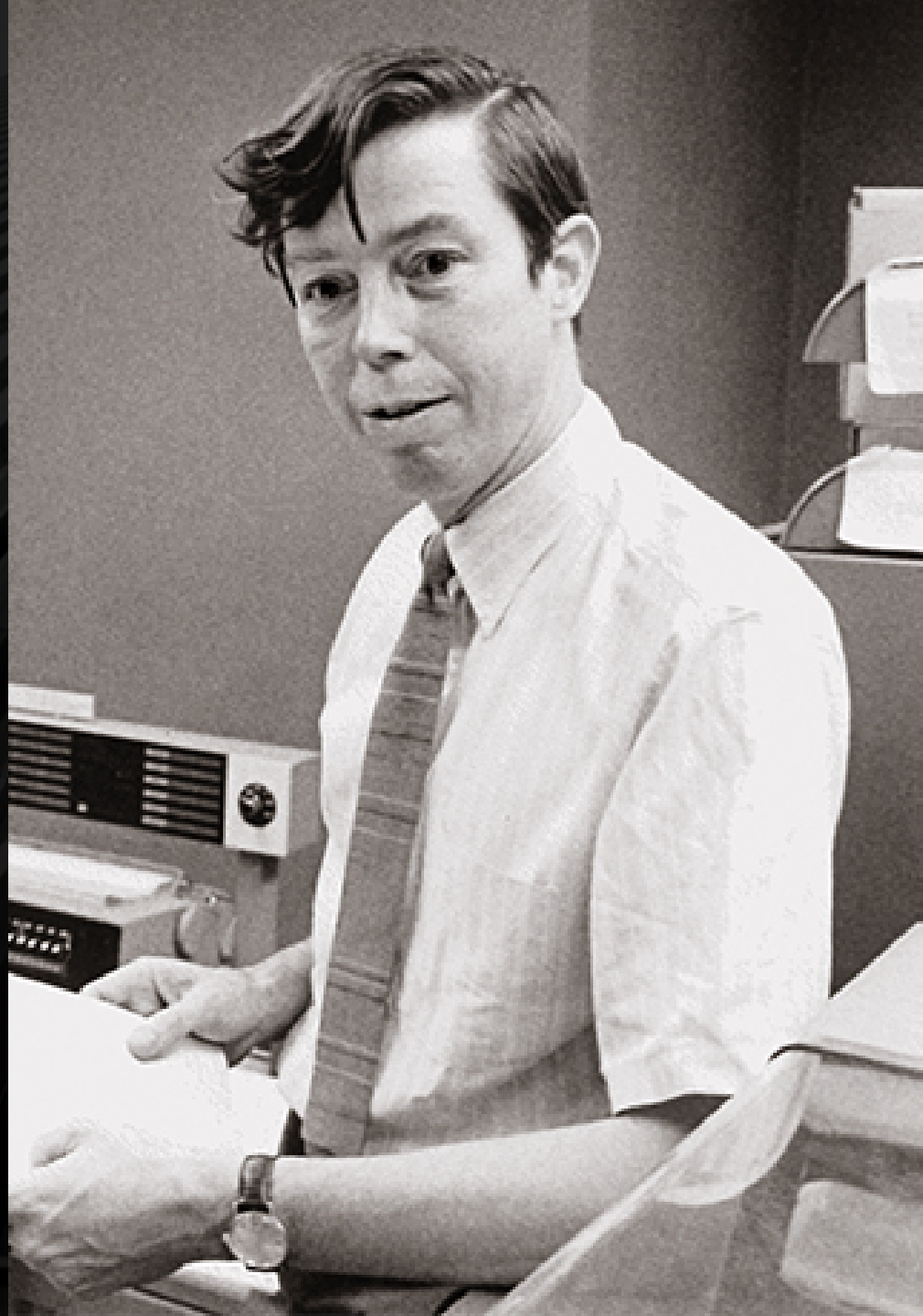
Port Authority NY NJ
PR Director, 1944-65



Minoru Yamasaki
WTC architect



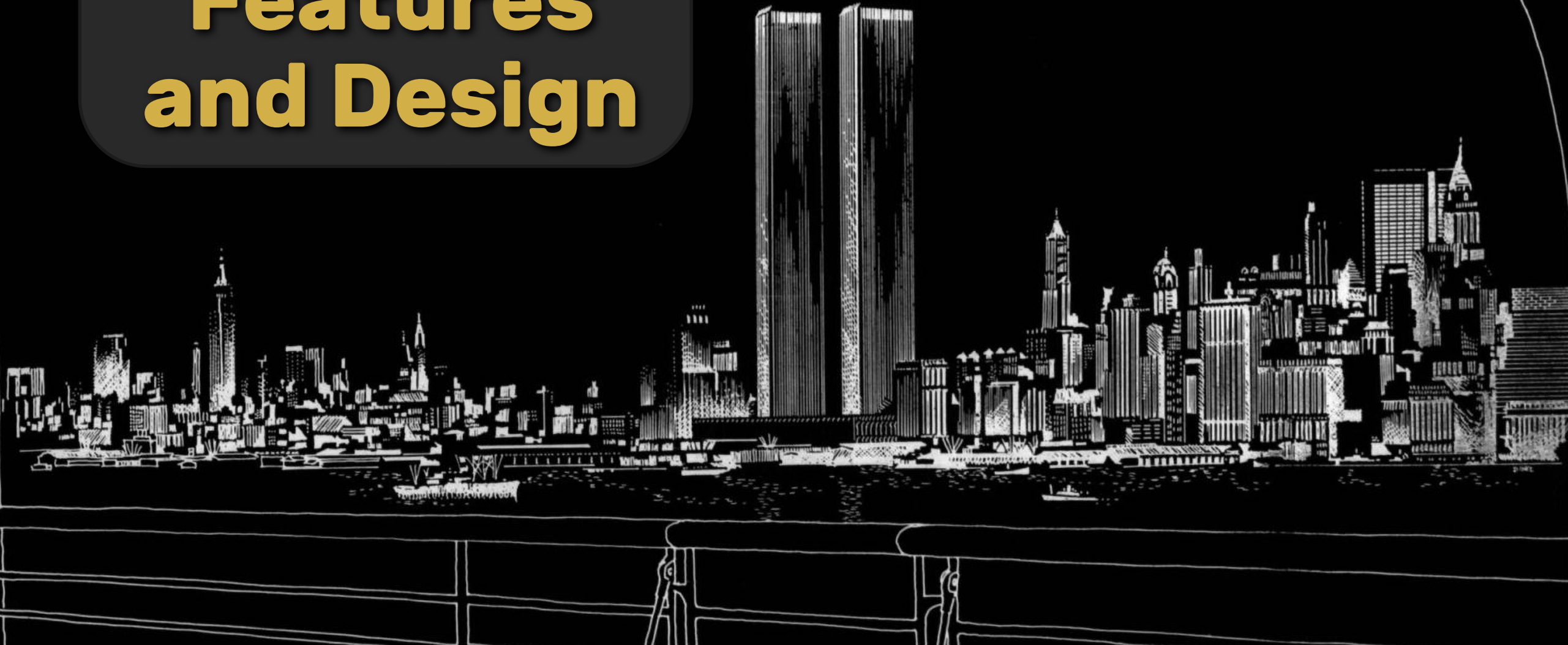
John Skilling
Engineer

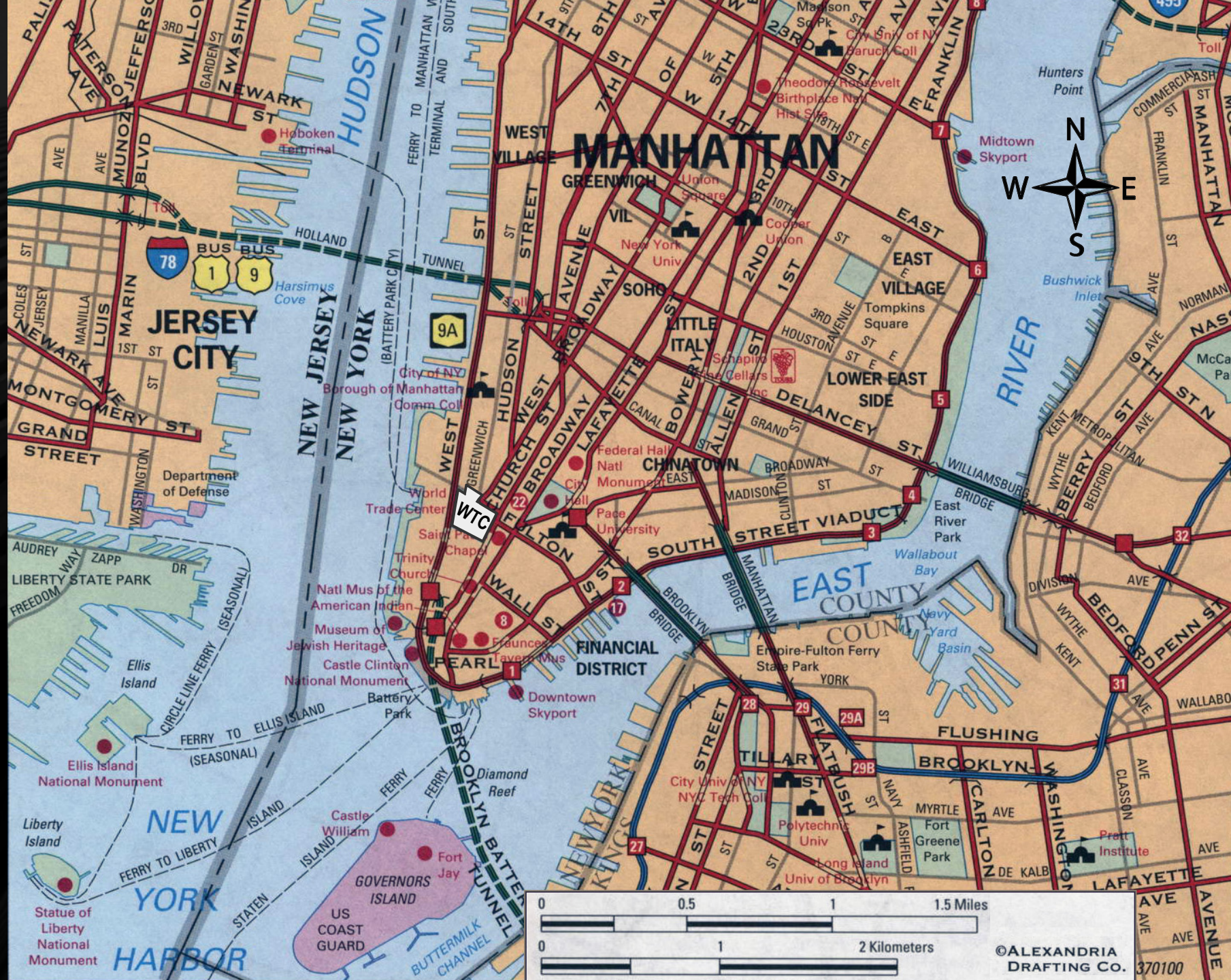


Leslie Robertson
Engineer



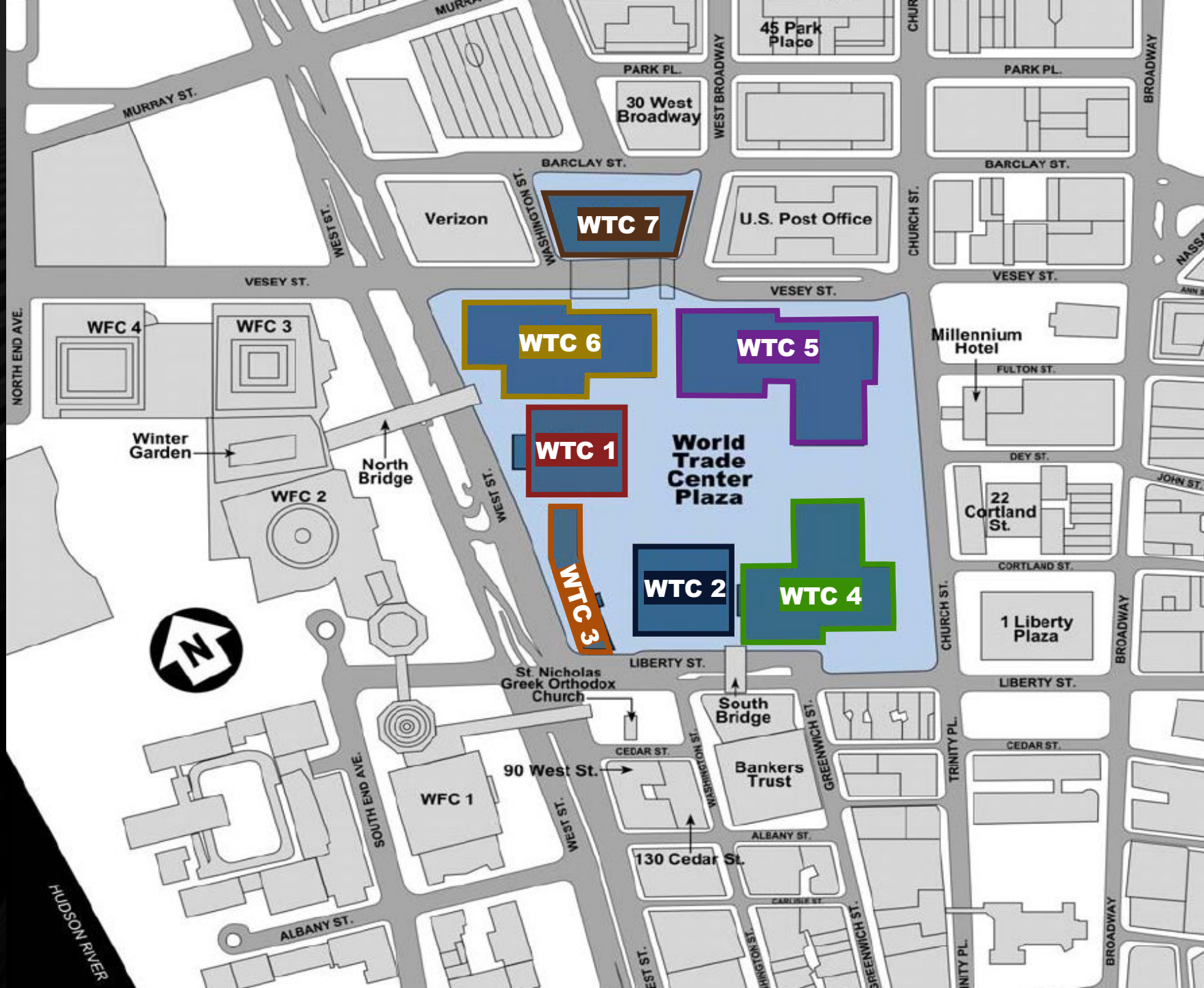
WTC Layout, Features and Design











<https://www.nist.gov/publications/federal-building-and-fire-safety-investigation-world-trade-center-disaster-final-report>



The World Trade Center Complex

WTC Building	Construction ¹	Height	Floors ²
1: <i>North Tower</i> ³	1968-70	417.0 m (1368 ft)*	110
2: <i>South Tower</i> ⁴	1969-72	415.1 m (1362 ft)	110
3: <i>Marriott WTC Hotel</i> ⁵	1979-81	73.8 m (242 ft)	22
4: <i>Southeast Plaza Bldg.</i>	1970-77	36.0 m (118 ft)	9
5: <i>Northeast Plaza Bldg.</i>	1970-72	36.0 m (118 ft)	9
6: <i>U.S. Customhouse</i>	1970-75	28.4 m (93 ft)	8
7: <i>Salomon Bros. Bldg.</i> ⁶	1984-87	173.7 m (570 ft)	47

* 526.7 m (1,728 ft.) including the antenna added in November 1979.

-
1. <https://web.archive.org/web/20070502225357/http://www.pbs.org/wgbh/amex/newyork/timeline/index.html>
https://www.classicistranieri.com/wikipediaforschools/wp/w/World_Trade_Center.htm
<https://web.archive.org/web/20010907133329/www.panynj.gov/wtc/wtccomplex.htm>
 2. <https://web.archive.org/web/20010907133329/www.panynj.gov/wtc/wtccomplex.htm>
 3. <https://www.skyscrapercenter.com/building/one-world-trade-center/200>
 4. <https://www.skyscrapercenter.com/building/two-world-trade-center/202>
 5. <https://www.skyscrapercenter.com/building/marriott-world-trade-center/19942>
<https://www.nytimes.com/1981/04/02/nyregion/hotel-in-the-trade-center-greets-its-first-100-guests.html>
 6. <https://www.skyscrapercenter.com/building/seven-world-trade-center/2588>
<https://www.nytimes.com/1984/10/01/nyregion/work-set-on-last-trade-center-unit.html>

Physical Features and Materials

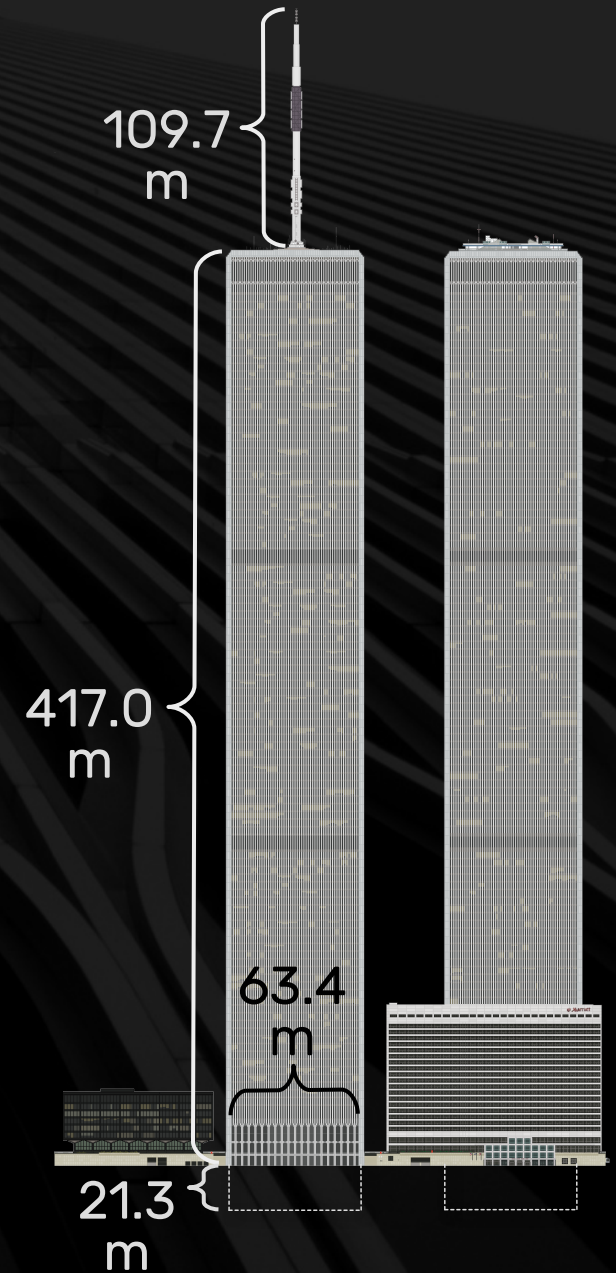
Each Twin Tower had:

- A **base** of 63.4 m by 63.4 m (208 ft by 208 ft)¹.
- 7 **underground levels** with 21.3 m (70 ft) of foundation excavated so that the towers rested on solid bedrock².
- A **weight** of approximately^{2,3} 0.5 to 0.75 mn tons.

The WTC complex in total contained²:

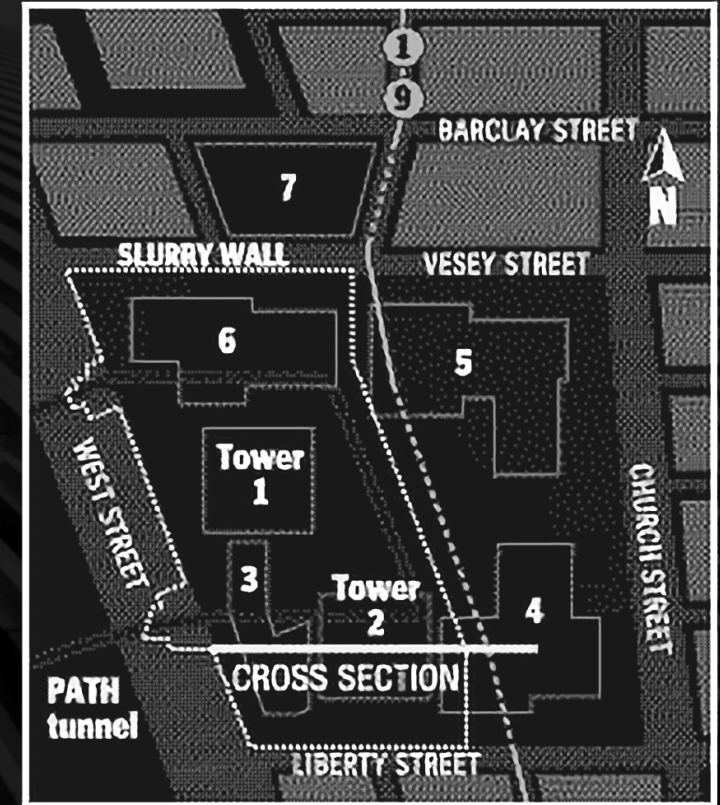
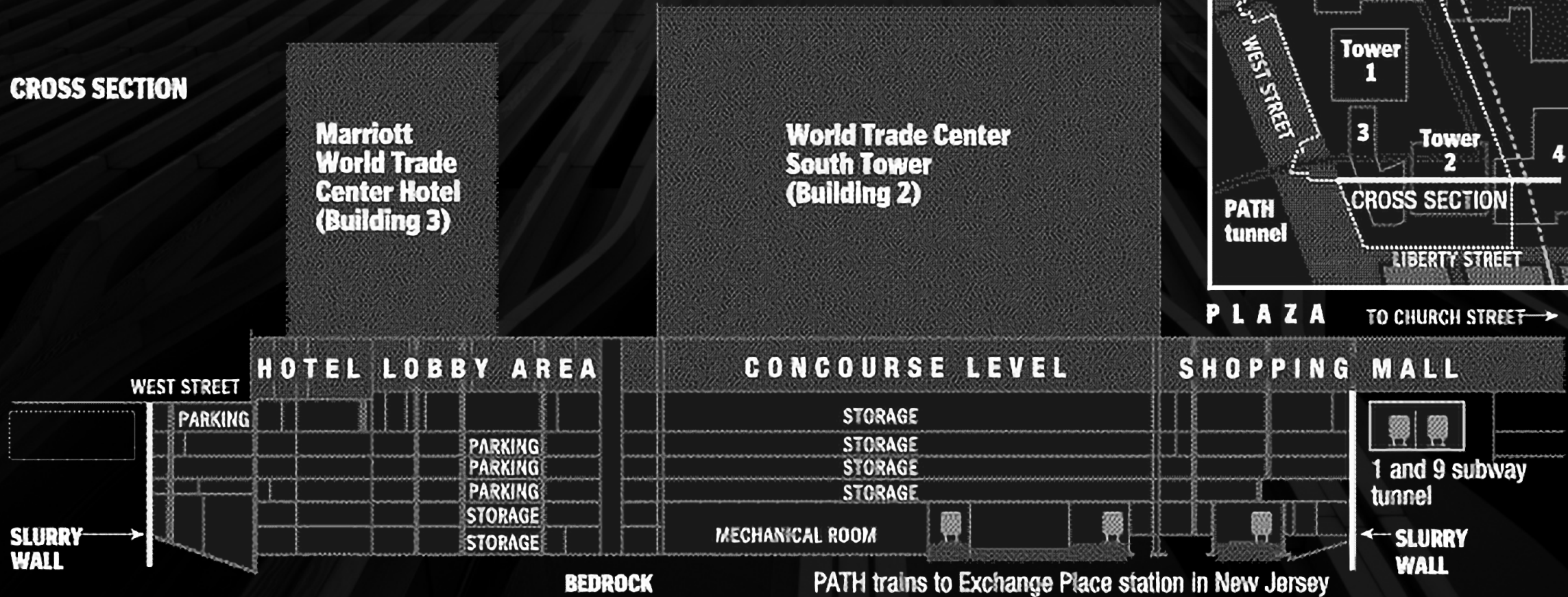
- More than 0.2 mn tons of **steel**.
- About 0.325 mn cubic meters (0.425 mn cubic yards) of **concrete**.

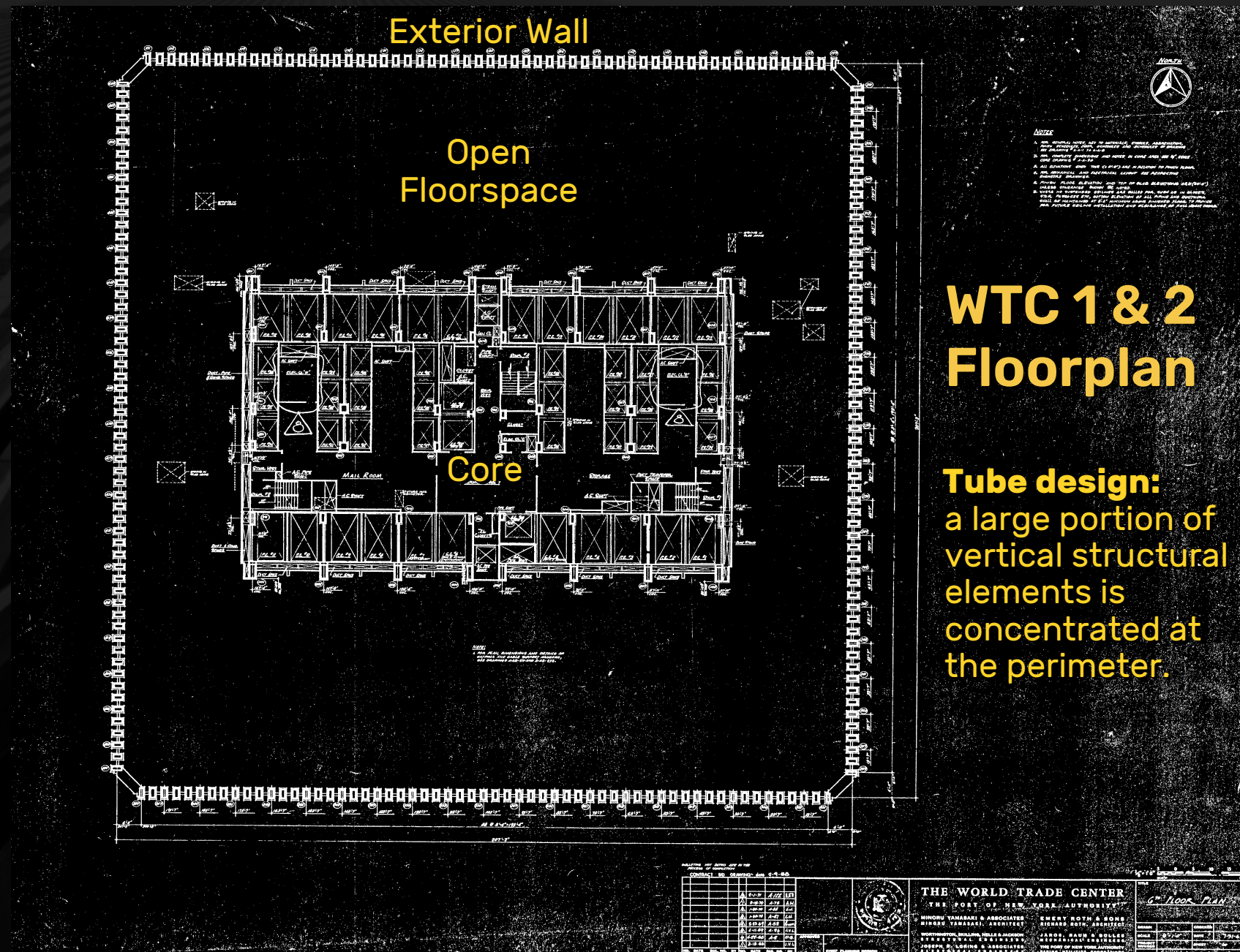
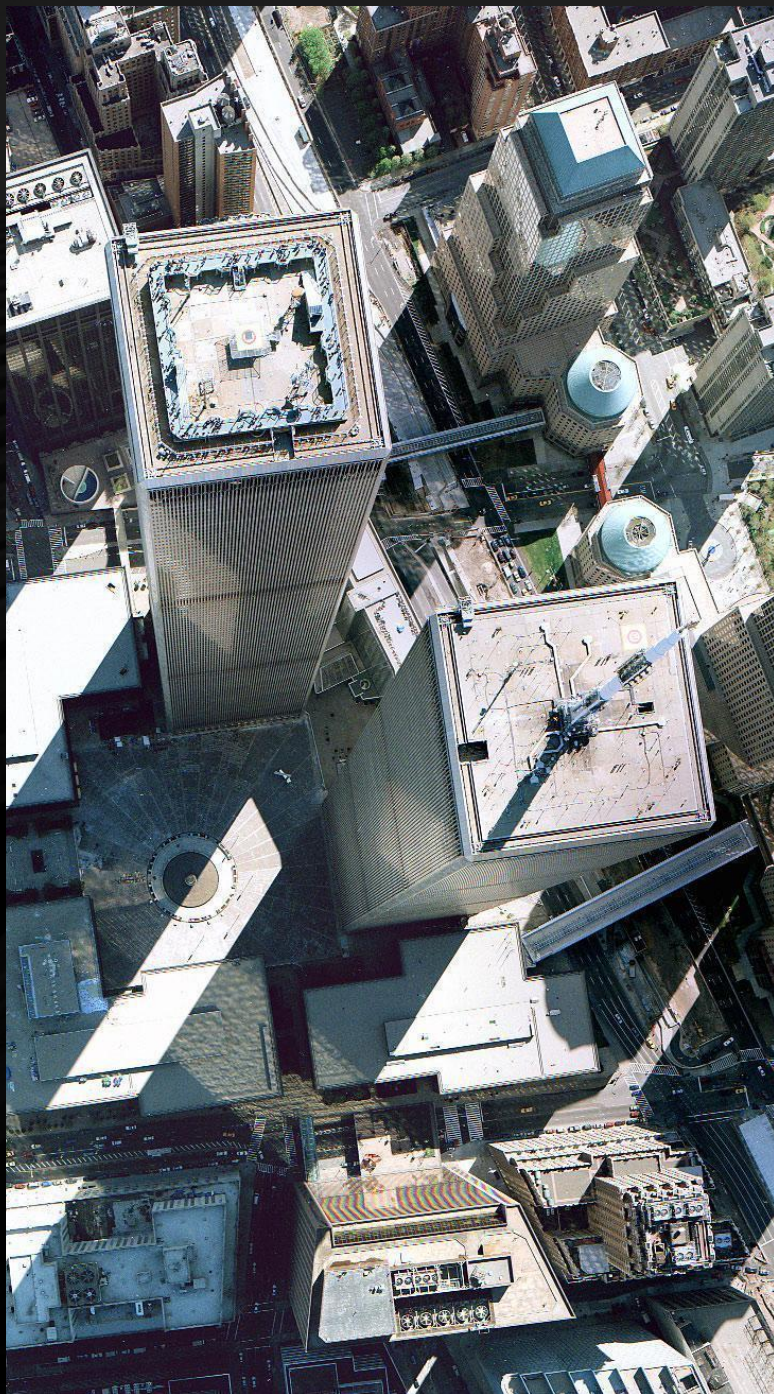
1. <https://science.howstuffworks.com/engineering/structural/wtc.htm>
2. <https://exhibitions.nysm.nysed.gov/wtc/about/facts.html>
3. <https://www.scientificamerican.com/article/when-the-twin-towers-fell/>

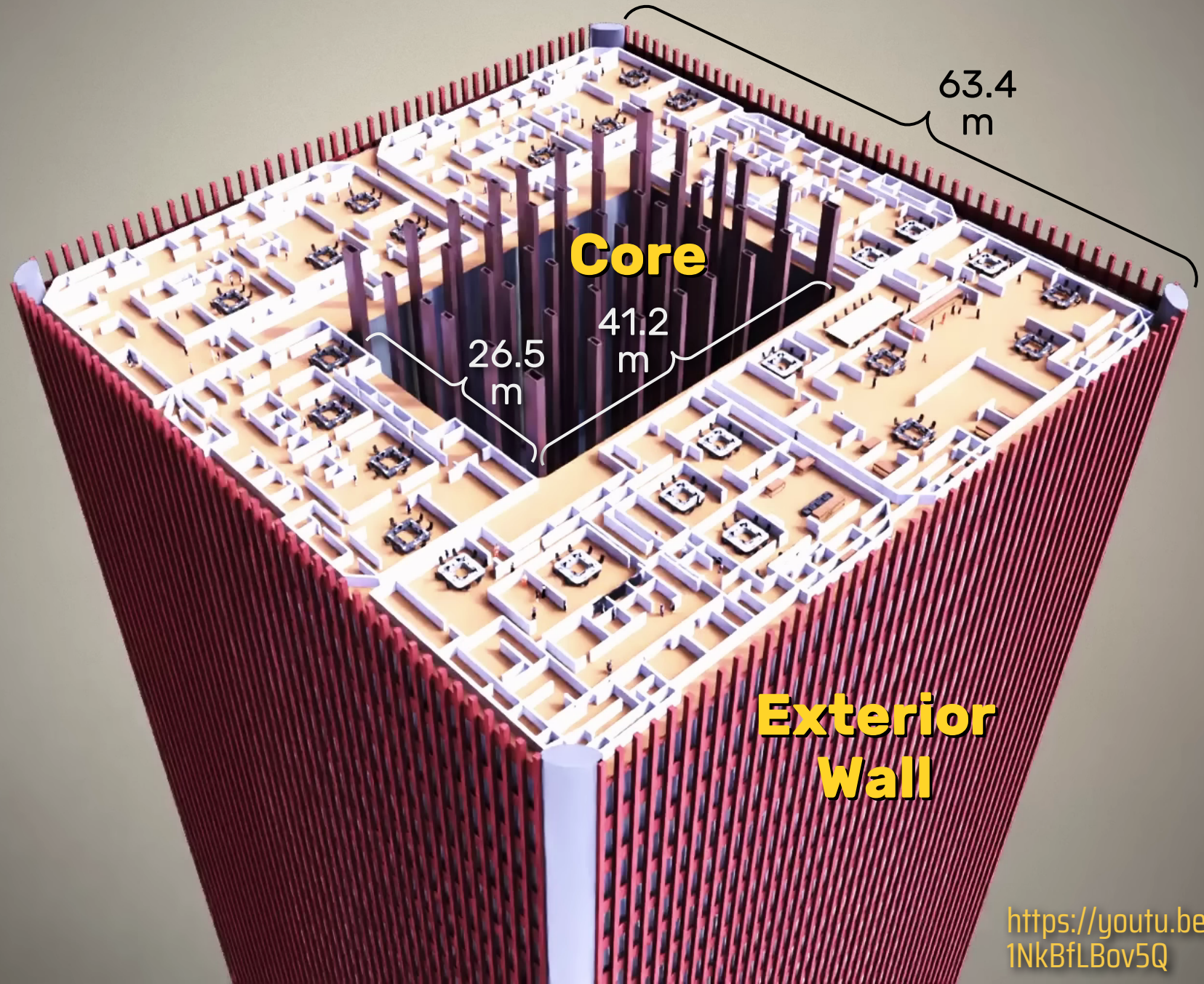
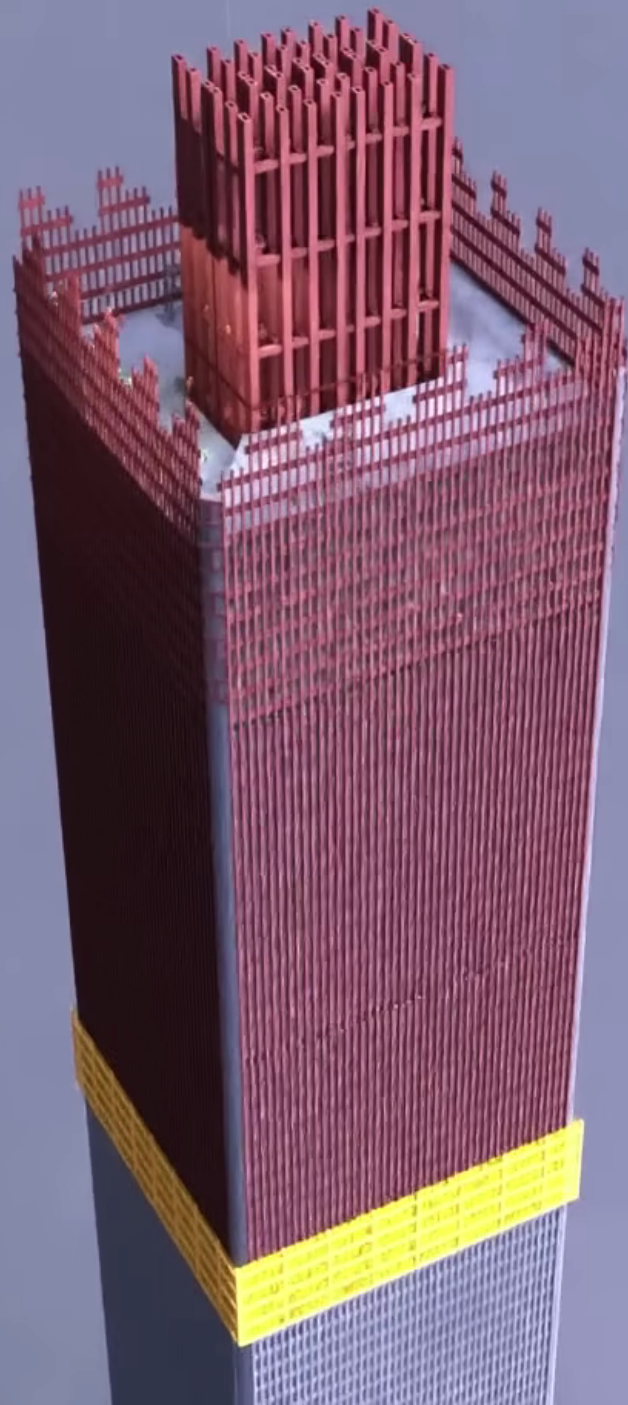


WTC Basement

CROSS SECTION







A 3D architectural rendering of a construction site. In the foreground, a large, rectangular floor system is shown, consisting of several horizontal metal plates supported by a network of steel trusses. The floor system is positioned within a large, red, corrugated metal structure that forms the walls of a deep excavation or tunnel. In the background, three construction workers in orange safety gear are visible, standing on a concrete floor and near a ladder. The overall scene is brightly lit, with a clear view of the structural elements and the workers.

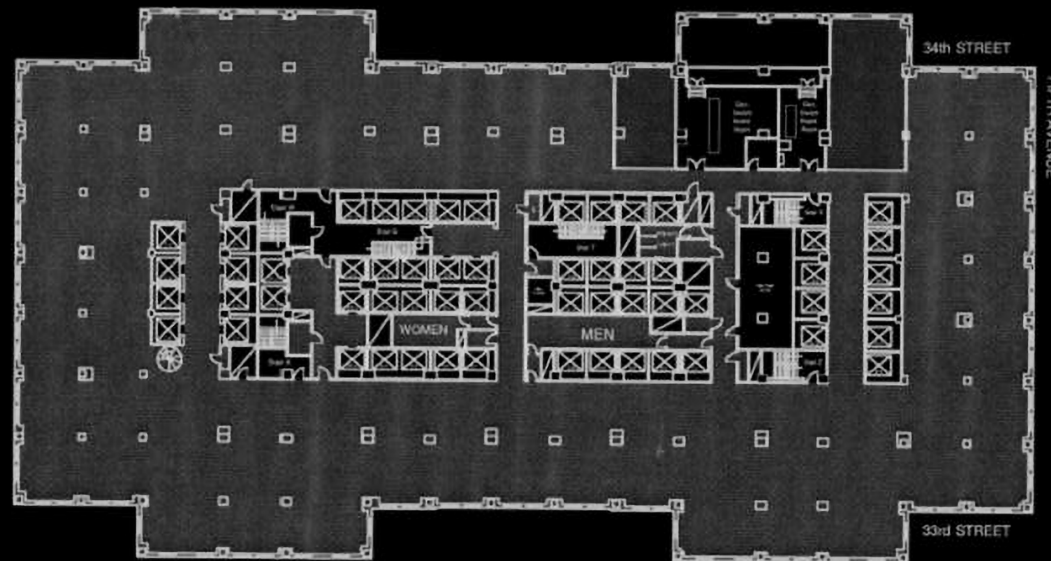
Floor System



**Hat
Truss**



Empire State Building Floorplan



EMPIRE STATE BUILDING

Newmark Knight Frank
LEASING AGENT

350 FIFTH AVENUE
NEW YORK, N.Y. 10118
(212) 736-3100
FAX (212) 967-6167

The Empire State Building
New York, NY 10118

20th Floor



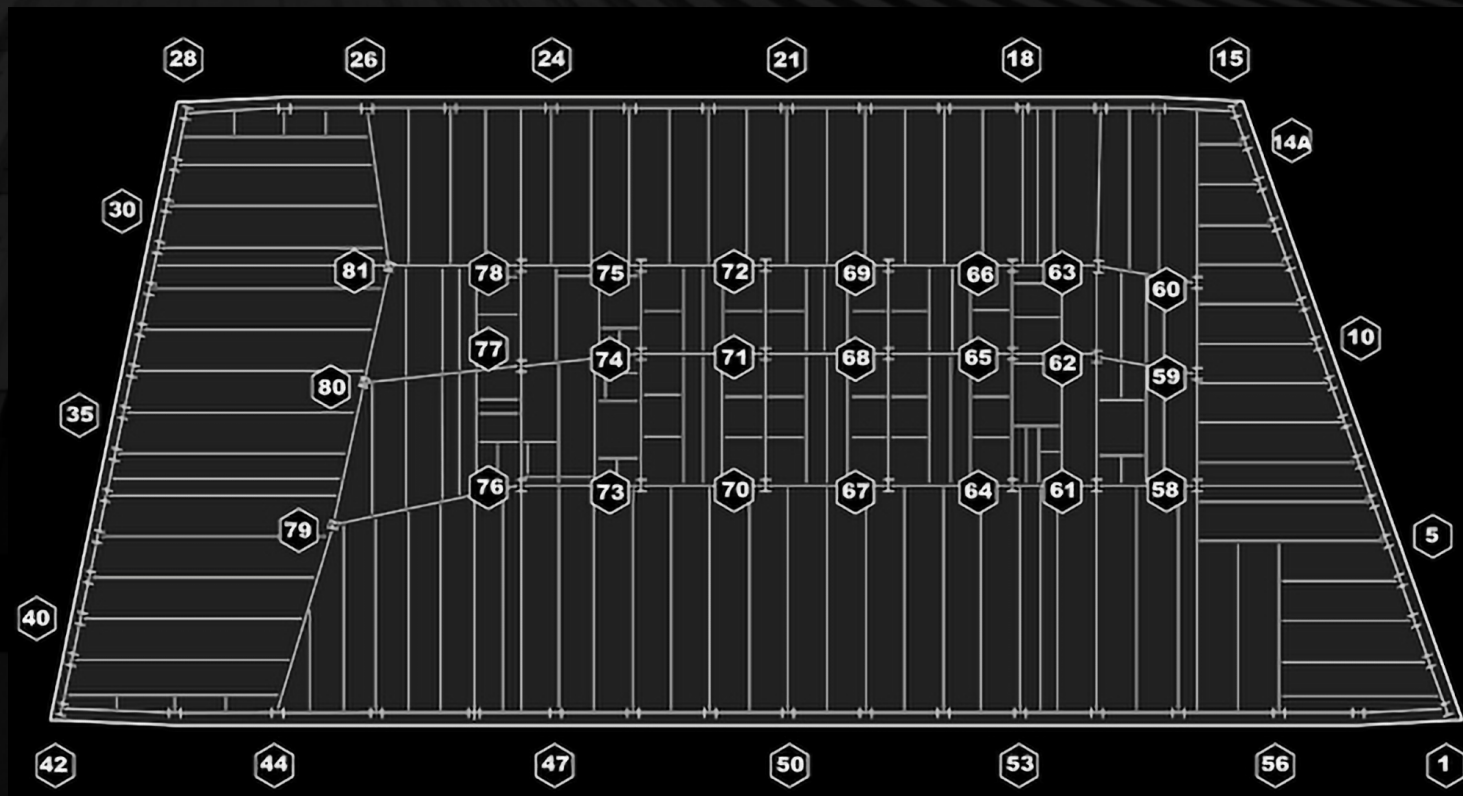
NORTH
3/20/2013



212 East 47th Street
Suite 6D
New York, NY 10017
Ph. 877 221-0229



WTC 7 Floorplan



<https://www.nist.gov/image-16640>

Some skyscrapers with tube-influenced design



Willis Tower, Chicago



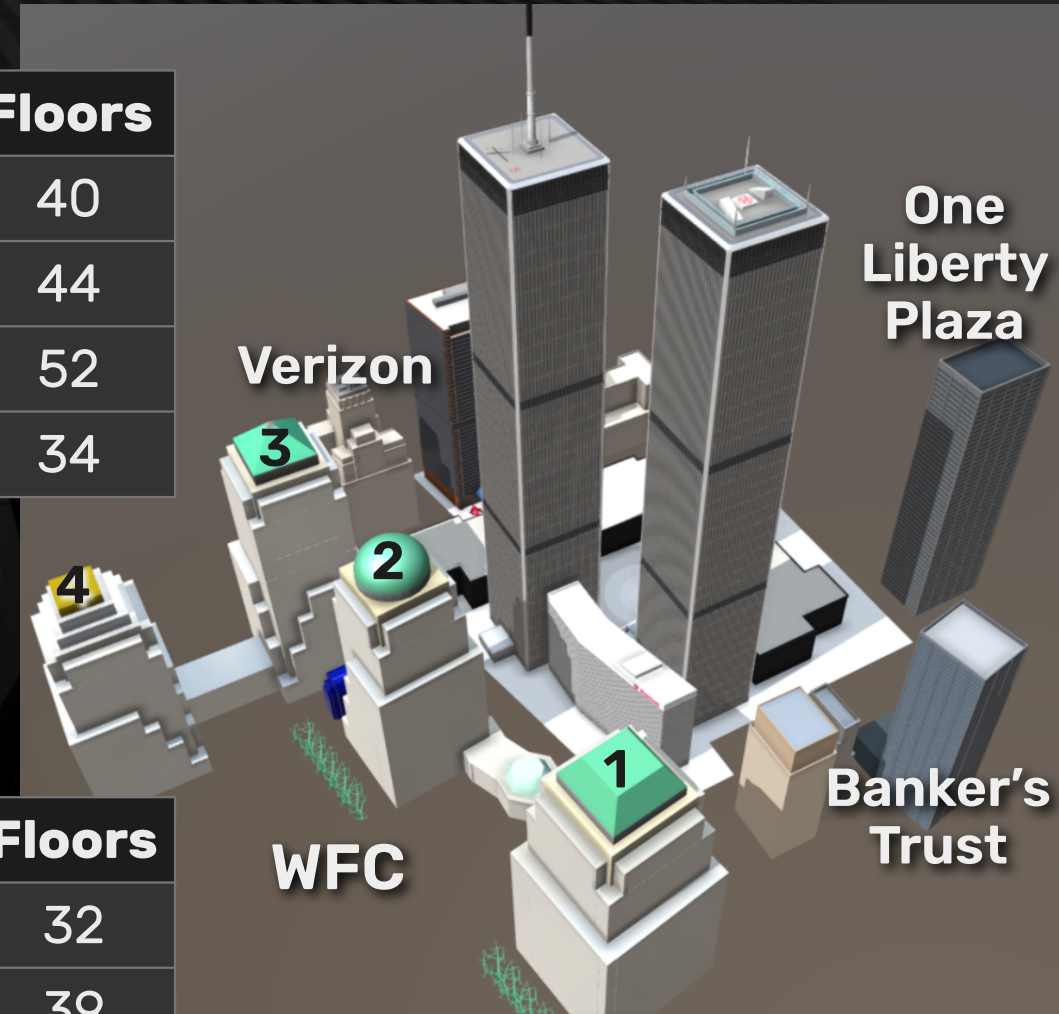
Petronas Towers, Kuala Lumpur



Burj Khalifa, Dubai

World Financial Center (WFC)

Building (WFC)	Construction	Height	Floors
1: 200 Liberty St. ¹	1984-86	175.9 m (577 ft)	40
2: 225 Liberty St. ²	1985-87	196.6 m (645 ft)	44
3: 200 Vesey St. ³	1983-85	225.2 m (739 ft)	52
4: 250 Vesey St. ⁴	1984-86	152.4 m (500 ft)	34



Other Important Nearby Buildings

Building	Construction	Height	Floors
Verizon Bldg. ⁵	1923-27	152 m (499 ft)	32
Banker's Trust ⁶	1971-73	157.6 m (517 ft)	39
One Liberty Plaza ⁷	1969-72	226.5 m (743 ft)	54

<https://skfb.ly/ooCwI>

-
1. <https://www.skyscrapercenter.com/building/one-world-financial-center/2495>
https://web.archive.org/web/20160512170031/http://www.brookfieldofficeproperties.com/content/lower_manhattan/brookfield_place_200_liberty_st-10062.html
 2. <https://www.skyscrapercenter.com/building/two-world-financial-center/1804>
<https://web.archive.org/web/20160527160951/http://www.brookfieldofficeproperties.com/us/new-york/brookfield-place/225-liberty-st>
 3. <https://www.skyscrapercenter.com/building/three-world-financial-center/1177>
<https://web.archive.org/web/20160505164046/http://brookfieldofficeproperties.com/us/new-york/brookfield-place/200-vesey-st>
 4. <https://www.skyscrapercenter.com/building/four-world-financial-center/3859>
<https://web.archive.org/web/20160510033211/http://brookfieldofficeproperties.com/us/new-york/brookfield-place/250-vesey-st>
 5. <https://www.skyscrapercenter.com/building/the-barclay/3887>
 6. <https://www.skyscrapercenter.com/new-york-city/deutsche-bank/3510/>
 7. <https://www.skyscrapercenter.com/building/one-liberty-plaza/1161>

Images of the construction of the WTC:

<https://www.skyscrapercity.com/threads/world-trade-center-construction.1234697/>

<https://rarehistoricalphotos.com/twin-towers-construction-photographs/>

<https://time.com/4144821/world-trade-center-photos-construction/?iid=sr-link1>

<https://www.popphoto.com/in-photos-new-york-citys-iconic-twin-towers/>

<https://clickamericana.com/topics/places/tourist-photos-of-the-world-trade-center-before-911>

Images of the completed WTC:

<https://www.skyscrapercity.com/threads/the-mega-wtc-picture-thread.56090/>

https://www.flickr.com/groups/deb_in26/