

BIG BUILDINGS

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KEYWORDS:

Big box retailers, Bigness, Colossi, High rises, Large span structures, Megalithic monuments, Megastructures, Monumentality, Scale, Sheds, Size, Skyscrapers, Space frame structures, Sublime, Superdomes, Supersheds, Superstores, Tall buildings, Towers

BIG BUILDINGS A - Z:

AESTHETICS & CRITICISM

- "Beyond a certain scale," *Daidalos*, no. 61, 1996 (Theme issue)
 "The Big Issue," *Architectural Review*, March 1997 (Theme issue)
 "Bigness," *Architectural Review*, August 2002 (Theme issue)
 Burke, *A Philosophical Enquiry into the Origin of Our Ideas on the Sublime and Beautiful*, 1756,
<http://www.bartleby.com/24/2/>
 Kant, *Observations on the Feeling of the Beautiful and the Sublime*, 1764
 Koolhaas, "Bigness, or the Problem of Large," in *S, M, L, XL*, (Office-NA1153.K64 S63 1995)
 Longinus (?), *On the Sublime*, 1st century a.d., <http://classicpersuasion.org/pw/longinus/>
 "Make No Little Plans: Daniel Burnham thought it but did he say it?" *Architecture*, March 1957
 "Monument/Memory," *Oppositions* no. 25, Fall 1982 (Special issue. See Reigl, "The Modern Cult of Monuments")
 "Monumentality and the City," *Harvard Architecture Review*, no. 4, 1984 (Theme issue)
 Orr, *Scale in architecture*, NA2760.O76 1985
 Speaks, "Monster of the New Bigness," *Any*, no. 9, 1994
 Stanton, "Matters of Size," *Archis*, December 1999
 Steward, "The Gigantic," in *On Longing*, P302.7.S68 1993
 "The Sublime," in Craig, *Routledge Encyclopedia of Philosophy*, Reference-B61.R68 1998
 The Sublime, <http://www.victorianweb.org/philosophy/sublime/sublimeov.html> (Historical outline of the concept)
 "Think big: John Rajchman talks with Rem Koolhaas," *Art Forum*, December 1994
 "Think Big," *Werk, Bauen & Wohnen*, December 1998 (Theme issue)
 Vidler, "Notes on the Sublime," *Princeton Journal*, no. 3, 1988

CURTAIN WALLS

- Blue Book* Curtain walls vendor links, <http://www.thebluebook.com/cl/all1360.htm> (Useful searchable database)
 "Cladding Systems," *Progressive Architecture*, April 1990 (Theme issue)
 "Curtain Walls: options and issues," *Progressive Architecture*, April 1990
 "Curtain walls," *Architectural Record*, January 1989
 Dawson, "Structural Elements Projecting Through a Faceted Curtain Wall," *Architects' Journal*, March 19, 1998
 Dawson, "Two Glazed Undulating Facades," *Architects' Journal*, September 3, 1998
 "Double Facades: Essential for High-Rise Blocks?" *Detail*, April/May 1997
 "The Effect of Curtain Walls on the Street," *Architectural Forum*, September 1953
 "Exterior Envelope," *Architectural Review*, August 1997 (Survey of products)
 "Fenestration Study," *Architectural Record*, April 1955
 Leatherbarrow & Mostafavi, *Surface architecture*, NA2540 .L36 2002
 Persily, "Envelope Design Guidelines for Federal Office Buildings," *Progressive Architecture*, March 1992

Ruggiero, "Cladding's Ticking Time-Bombs," *Progressive Architecture*, December 1995
Russell, "The End of Dumb Walls," *Architectural Record*, October 1993
Russell, "Highly Refined," *Architectural Record*, August 1991
Schittich, *In detail: building skins: concepts, layers, materials*, Office-NA2840 .I45 2001
Smith, "Curtain Walls: Options and Issues," *Progressive Architecture*, April 1990
Sullivan, "Customizing the Curtain Wall," *Architecture*, January 1997
Sweets vendor links, <http://sweets.construction.com/> (Search "Curtain walls")
Wände, Hüllen, *Werk, Bauen & Wohnen*, April 1991 (Theme issue)
Wigginton, *Intelligent Skins*, Office-TH6021 .W53 2002
Wilson, "The Changing Nature of Building Skins," *Architecture*, March 1989

INTERIORS

"All About Elevators," *Progressive Architecture*, April 1975
Banham, *The Architecture of the Well-Tempered Environment*, TH7011.B27
Blatterman, "New Ways to Move People Around Really Big Buildings," *Architectural Record*, February 1997
National Building Museum, *Up, Down, Across: Elevators, Escalators & Moving Sidewalks*, 2003
"People Movers," *Architectural Record*, August 1968
Sweet's Conveying Systems vendor links, <http://www.sweets.com/sdff14.htm>

LARGE SPAN STRUCTURES

Goldstein, "Timber Trusses for Big Spans," *Architectural Record*, July 1999
"Hänger," *Werk, Bauen & Wohnen*, September 1997 (Theme issue)
Hart, "Buckminster Fuller's dreams of spanning great distances are being realized," *Architectural Record*, May 2002
Jones, "The sky's the limit: roofing," *RIBA Journal*, September 2003
"Large-span roof structures," *Detail*, July-August 2001 (Theme issue)
Wilkinson, *Supersheds*, 1991

REPRESENTATIONS OF BIG BUILDINGS IN ART & LITERATURE

"The Antonelli Tower, or, how to become what you are," *L'Architecture d'Aujourd'hui*, September/October 2000
Genesis, 11:1-9, <http://www.biblegateway.com/cgi-bin/bible?passage=GEN+11&language=english&version=KJV> (Babel)
Newcomb, "Footprint of the 20th Century: American Skyscrapers & Modernist Poems," *Modernism Modernity*, January 2003
Pastier, "The Skyscraper in Literature and Art," *Design Quarterly*, no. 140, 1988
Ricciotti, "Symbols and Monuments: Images of the Skyscraper in American Art," *Landscape*, no. 2, 1981
Thompson, "Skyscraper und Türme in Literatur, Kunst und Architektur," *Werk, Bauen & Wohnen*, December 1991
Vicari, *La Tour de Babel*, 2000 (Historical, cultural & religious significance)

NOTE: For more on skyscrapers see also *Kappe Library Guide #46*, "Office Buildings."

SKYSCRAPERS: 19th – EARLY 20th CENTURIES

Bletter, "The Invention of the Skyscraper: Notes on Its Diverse Histories," *Assemblage*, no. 2, 1987
Bletter, "Skyscraper Style: Art Deco Architecture Reevaluated," *Progressive Architecture*, February 1975
Chicago Tribune tower competition, NA2340.C47 v. 1
Council on Tall Buildings and Urban Habitat, *Second Century of the Skyscraper*, TH845.S38 1988
Landau & Condit, *The Rise of the New York Skyscraper 1865-1913*, NA6232.L361 1996
Mujica, *The History of the Skyscraper*, NA6231.M8 1977
Shepherd, *Skyscraper: the search for an American style 1891-1941*, NA6232 .S52 2003
"Skyscraper," *The Dictionary of Art*, Reference-N31.D5 1996, vol. 28
Solomonson, *The Chicago Tribune Tower competition: skyscraper design and cultural change in the 1920s*, 2001
Sullivan, "The Tall Office Building Artistically Considered," (1896) in *Kindergarten Chats and Other Writings*, NA2560.S82
Wigoder, "The 'solar eye' of vision: emergence of the skyscraper-viewer, 1890-1920," *JSAH*, June 2002

SKYSCRAPERS: 1950s

Arnaud, "The tall building in New York in the twentieth century," *JSAH*, May 1952
Carson, "The skyscraper: logical and historical considerations," *JSAH*, December 1959
"Miniature skyscraper of blue glass and metal challenges postwar craze for over-building," *Architectural Forum*, June 1950

SKYSCRAPERS: 1960s

"Tall office buildings: the process of development," *Architectural Record*, April 1969
Thomsen, "Determining the Optimum Height of a Building," *Architecture*, April 1965

"Yama designs 110-storey World Trade Center," *Architectural Record*, February 1964

SKYSCRAPERS: 1970s

Agrest, "Architectural Anagrams: the Symbolic Performance of Skyscrapers," *Oppositions*, no. 11, Winter 1977
Gueff, "Windows on the World," *Interiors*, February 1977 (On the WTC restaurant)
"High-rise office buildings :the public spaces they make," *Architectural Record*, March 1974
Khan, "The future of high rise structures," *Progressive Architecture*, October 1972
"Optimizing structural design in very tall buildings," *Architectural Record*, August 1970
"Tall Buildings," *Architecture*, January 1973 (Theme issue)
"Vie et mort des gratte-ciel," *l'Architecture d'aujourd'hui*, March/April 1975 (Theme issue)
"W.T.C. 2023," *Architectural forum*, April 1973

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Cohen, "The Skyscraper as Symbolic Form," *Design Quarterly*, no. 118/119, 1982
"Grattacielo: casa dello specchio," *Casabella*, April/May 1980 (Theme issue)
Irace, "Emerging Skyline," *Domus*, February 1986
Morawetz, "The Rise and Fall of the High-Rise," *Architectural Record*, June 1983
"New Directions in High-Rise Design," *Architectural Record*, March 1981
Pelli et al, "Skyscrapers," *Perspecta*, no. 18, 1982
Rush & Miller, "Tall Buildings: Form and Circumstance," *Progressive Architecture*, December 1980
"Skyscraper View," *Design Quarterly*, no. 140, 1988 (Theme issue)
"Tall Office Buildings: Design Directions," *Progressive Architecture*, December 1980 (Theme issue)
"The Third Wave in Skyscrapers," *Space Design*, September 1987 (Theme issue)
van Leeuwen, *The Skyward Trend of Thought: the Metaphysics of the American Skyscrapers*, NA9053.S4L44 1988

SKYSCRAPERS: 1990s

"Asia's Tallest Towers," *Architecture*, September 1996
Atrium, *Architecture of Skyscrapers*, NA6230.A84 1997
Betsky, "Lost Horizons: the Birth and Death of the Skyscraper," *Architectural Design*, July/August 1995
Bluestone, "Skyscrapers Inside Out" *Design Book Review*, no. 23, Winter 1992 (Reviews 5 books)
Douglas, *Skyscrapers: a Social History*, NA6232.D68 1996
"High Profiles" (Decorative building crowns), *Progressive Architecture*, February 1990
"High Rise Office Buildings," *Architectural Record*, October 1990 (Theme issue)
Huxtable, *Tall Building Artistically Reconsidered*, NA6230.H89 1992
Irace, "Geopolitics of the Skyscraper," *Lotus International*, no. 101, 1999
Martin, "Is There Gold at the Top of that Building?" *Urban Land*, October 1991 (On observatories and restaurants)
Michael, *How Skyscrapers are Made*, TH11615.M53
Nash, *Manhattan Skyscrapers*, NA6232.N37 1999
Pedersen, "Strategies for the Design of Tall Buildings," *Arca*, November 1996
"Reaching for the Skies," *Architectural Design*, July/August 1995 (Theme issue)
Russell, "Designing the Super-Thin New Buildings," *Architectural Record*, October 1990
Sabbagh, *Skyscraper*, TH846.S23 1990
Scuri, *Late Twentieth-Century Skyscrapers*, NA6232.S27 1990
Sorkin, "Skyscrapers from A to Z," *Architectural Design*, July/August 1995
"Le Torri," *Arca*, June 1993 (Theme issue)
Webb, *The Architecture of Skyscrapers*, NA6230.A84 1997
Wills, *Form Follows Finance: Skyscrapers and Skylines in New York and Chicago*, NA6232.W55 1995
Yeang, *The Skyscraper Bioclimatically Considered: a Design Primer*, NA6230.Y42 1996

SKYSCRAPERS: 2000s

Betsky, "Babylon revisited: the latest skyscraper designs," *Architecture*, December 2002
"Building Tall Reconsidered," *Architecture*, December 2002
Campi, *Skyscrapers: an Architectural Type of Modern Urbanism*, NA6230.C35 2000
"The City in the Clouds," *Domus*, September 2001 (Theme issue)
Council on Tall Buildings and Urban Habitat, <http://www.lehigh.edu/~inctbuh/publications.html>
Faschan, "Rising high," *Urban Land*, November-December 2000
Federation of High-Rise Websites, <http://www.high-rise.co.uk/>
Howeler, *Skyscraper*, 2003
"L'invention de la tour européenne," *Le Moniteur architecture*, December 2001

Langewiesche, *American Ground: unbuilding the WTC*, 2003
"Rebuilding lower Manhattan," *Architectural Record*, February 2004
"Renzo Piano speaks with Record about skyscrapers and the city," *Architectural Record*, October 2001
Riley, *Tall Buildings*, 2003
Schulze, "Towers for Tomorrow," *Art in America*, May 2001
Snoonian, "World Trade Center's robust towers succumb to terrorism," *Architectural Record*, October 2001
Sorkin, *After the World Trade Center: rethinking New York City*, 2002
Sudjic, *City of Towers, Domus*, October 2002
The Skyscraper Museum, <http://www.skyscraper.org/>
"Techno Towers," *Architecture*, December 2002
World's Tallest Buildings, <http://www.worldstallest.com/>
Yeang, *Reinventing the skyscraper: a vertical theory of urban design*, 2002

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Blue Book Space frame vendor links, <http://www.thebluebook.com/cl/all3560.htm> (Also "Framing systems--Light gage")
Cuoco, "Today's Space Frame Structures," *Architectural Record*, June 1982
Greh, "The Dom-ino Idea," *Oppositions*, no. 15/16, 1979
Gugliotta, "Architects' and Engineers' Guide to Space Frame Design," *Architectural Record*, mid-August, 1980
"Lattices and Nets," *Daidalos*, no. 29, 1988 (Theme issue)
Sweets Space frame links, <http://www.sweets.com/index/search2.htm?i=s&q=05165+-+space+frame+systems> (Sec. #05165)

TOWERS

Heinle & Leonhardt, *Towers: a Historical Survey*, NA2930.H4513 1989

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