

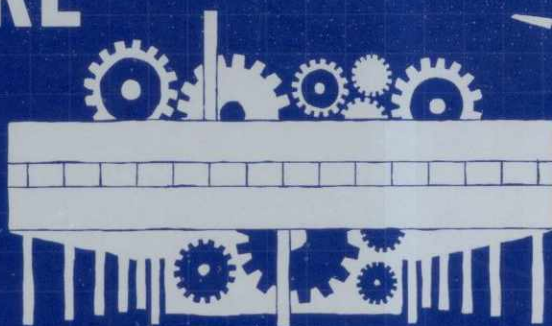
**LESS IS  
MORE**



**THE ORNAMENT  
OF THE WORLD**



THERE ARE 360  
DEGREES, SO WHY  
**STICK TO  
ONE?**



**A HOUSE IS A MACHINE FOR LIVING IN**

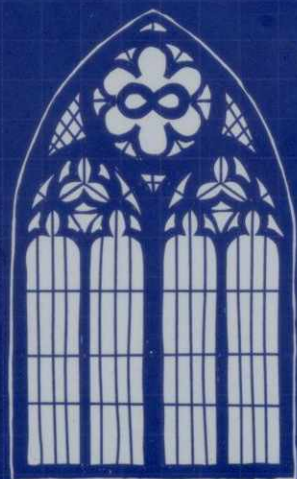


**HOT JAZZ IN  
STONE AND  
STEEL**

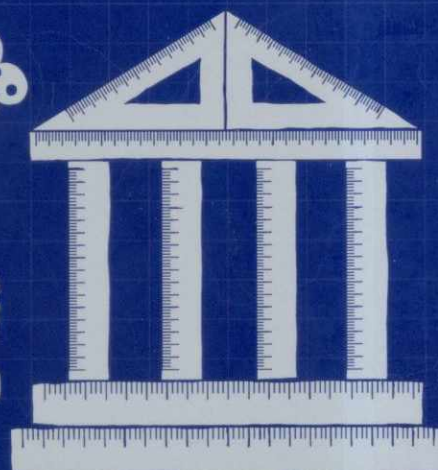
# THE ARCHITECTURE BOOK

**BIG IDEAS SIMPLY EXPLAINED**

**INFINITY MADE IMAGINABLE**

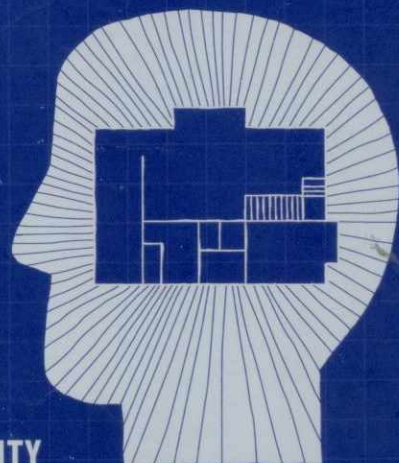


CREATING A  
**NEW  
WORLD**



**A BEAUTIFUL AND PROPORTIONAL SIMPLICITY**

**I WORK FROM THE INSIDE OUT**





# CONTENTS

## 10 INTRODUCTION

### THE ADVENT OF ARCHITECTURE BEFORE 650 CE

- 18 Sustaining life itself  
Shelter
- 20 The bond between heaven and earth  
The ziggurat
- 22 Greater than words can tell  
The pyramid
- 26 Proportion, strength, and beauty  
The column
- 34 Increasing the power of the voice  
The theater
- 36 Far and wide, stupās may rise  
The stupa



- 37 I broke the earth's veins  
The Great Wall
- 38 Two weaknesses combine to form one strength  
The arch
- 42 Building new houses, one after another  
Dwellings
- 46 The temple of the whole world  
The dome
- 48 A place for the people to gather  
The basilica
- 50 A tower that touched the moon  
Early imperial China
- 52 A golden dome suspended from heaven  
Byzantine

### THE MIDDLE AGES 650–1420

- 58 The haven where man's spirit, soul, and body find refuge  
Islamic inspiration
- 64 The ornament of the world  
Moorish architecture
- 66 The oneness of humans with the land and sky  
The pueblo
- 68 The physical form of God  
Indian temples
- 70 The rebirth of golden Rome  
Romanesque
- 72 Monumental pillars in the stream of time  
The castle
- 74 Infinity made imaginable  
Gothic
- 82 Architecture without architects  
Timber-frame building
- 86 An act of piety  
Southeast Asian temples
- 88 From the rock as if by magic grown  
Rock-cut buildings
- 90 Heaven-sent material  
Mud

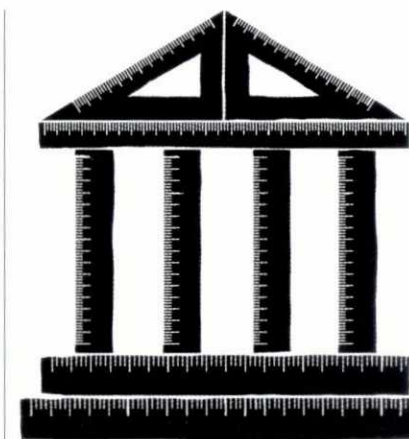


- 94 Civic life inscribed indelibly  
Secular Gothic
- 96 An entirely new sense of proportion  
Late imperial China
- 98 Nothing can possibly be more graceful  
Late-flowering Gothic
- 100 Palaces in the clouds  
Mountain cities

### THE RENAISSANCE TO REVIVALS 15TH–18TH CENTURY

- 106 Man is the measure of all things  
The Renaissance
- 114 A microcosm of cosmic harmony  
Italian hill towns
- 115 Crystalline sharpness, symmetrical complexity  
The ideal city
- 116 Extravagant inventions  
Mannerism
- 118 Nobility without arrogance  
French and Spanish Renaissance
- 122 A sweet harmony  
Palladianism
- 124 Splendid buildings and remarkable domes  
The Ottoman Empire

- 126 For the comfort of God's creatures  
The caravanserai
- 127 A universal symbol of the heavenly archetype  
The Islamic garden
- 128 The great peace under heaven  
Edo-period Japan
- 132 Isfahan is half the world  
Safavid Empire
- 134 A mind inclined entirely toward building  
Mughal India
- 138 Those who never dare to break the rules never surpass them  
Baroque
- 146 Emotion, grief, ecstasy, and faith  
Latin American Baroque
- 148 Gloriously spontaneous decorations  
Rococo



- 150 A beautiful and proportional simplicity  
Classicism

- 154 This monument must remain for an eternity  
Russian Empire

### THE INDUSTRIAL AGE 1800–1903

- 160 The Age of Machinery  
The Industrial Revolution
- 164 I strive to revive  
Gothic Revival
- 168 Fitting together like a puzzle  
Prefabrication
- 172 The authentic style of the old knights' castles  
Eclecticism
- 174 The straight line cannot be found in nature  
Organic forms



**176 There is an attraction in the colossal**  
Wrought iron

**178 The desire to produce beautiful things**  
Arts and Crafts

**180 Do not the branches of the trees furnish us with models?**  
Art Nouveau

**182 Town and country must be made one**  
The garden city

## MODERNISM AND THE ALTERNATIVES 1903–1970

**188 Every particle is doing structural duty**  
The concrete frame

**190 Ornament is wasted labor**  
Pioneering Modernism

**196 One entered the city like a god**  
Reviving the past

**198 An exhibition of force, of resolution, of brains**  
The skyscraper

**204 Visible symbol of power**  
Imperial legacy

**206 A structural artist**  
Industrial aesthetics

**208 We will remember them**  
War memorials

**210 Everything must be revolutionized**  
Futurism

**212 Function without sensibility remains mere construction**  
Expressionism

**216 The atmosphere of old Spain**  
Spanish Colonial revisited

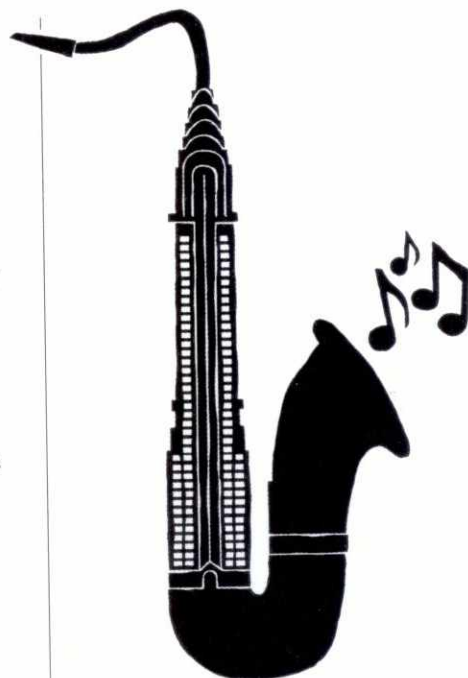
**218 Creating a new world**  
Architecture of the Russian Revolution

**220 A house is a machine for living in**  
Functionalism

**226 The very best possible homes for workers**  
Expressive mass housing

**228 Every part had to speak**  
Elemental architecture

**230 Less is more**  
Building Minimalism



**232 Hot jazz in stone and steel**  
Art Deco

**234 The chairs are architecture**  
Architectural design

**236 A palace for the people**  
Metro style

**238 The urge to demonstrate one's strength**  
Statement architecture

**242 The new Rome will emerge**  
Italian Empire

**246 A building should appear to grow easily from its site**  
American Modern

**248 The humanizing of architecture**  
Humane Functionalism

**250 The truthfulness of materials of construction**  
Late Le Corbusier

**252 A mosaic of glass**  
Postwar skyscrapers

**254 An architecture of elegant omission**  
Mid-century Modern

**256 Modernism's angry underside**  
Brutalism

**260 Sensory stimulation**  
Sensual modernity

**262 Not simply designed but choreographed**  
A new city

**264 Overflowing fantasy**  
Free spirits

## POSTMODERN AND CONTEMPORARY 1970 ONWARD

**270 On the edge of the possible**  
Pure form

**272 Material as spent light**  
Modern monumentalism

**274 A completely new world of forms**  
Gridshells and webs

**276 I put the structure outside**  
High-tech

**278 The past is transformed to become part of the present**  
The new vernacular

**280 Less is a bore**  
Postmodernism

**286 Daily life should be exalted**  
Postmodern Classical

**288 The spiritualization of nature**  
Connecting heaven and earth

**290 The form is interrogated**  
Deconstructivism

**292 Harmony with nature**  
Green architecture

**300 I work from the inside out**  
Sensationalism

**304 The house will define my world**  
Accessibility

**305 A living tradition**  
Classical Revival

**306 A beautiful silence**  
Soulful modern



**308 There are 360 degrees, so why stick to one?**  
New forms

**312 Understanding architecture by understanding the environment**  
West African architecture

**314 A deal between architecture and nature**  
Modernism in Sri Lanka

**316 A mechanism for healing the planet**  
Response to the earth

**318 DIRECTORY**

**326 GLOSSARY**

**328 INDEX**

**335 QUOTE ATTRIBUTIONS**

**336 ACKNOWLEDGMENTS**

