

Sketch Notes – Early & Late Modern Design

Stephen Marucut – Interior Architect

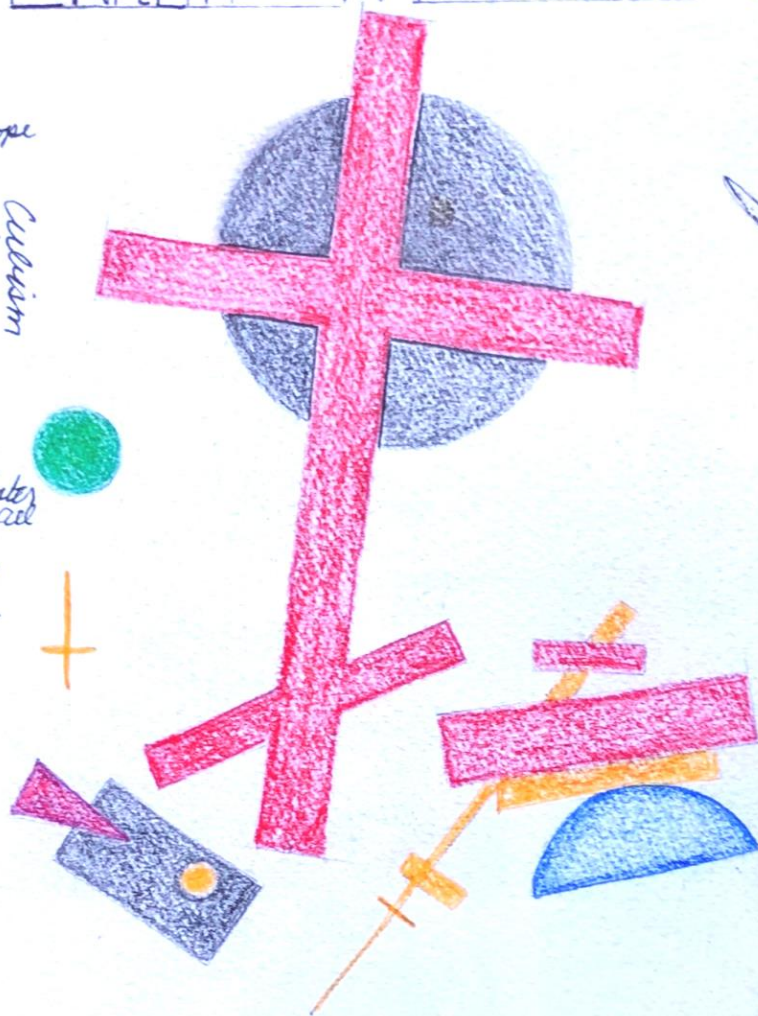


EARLY MODERN DESIGN

Early 20th
Century Europe
Radicalized
Cultural
Futurism
Constructivism
de Stijl
captivated
all the designers...

Paul
Cezanne
French Painter
stated to all
the artists
to change
to shapes.

Picasso
Braque
Kasimir Malevich
Lissitzky



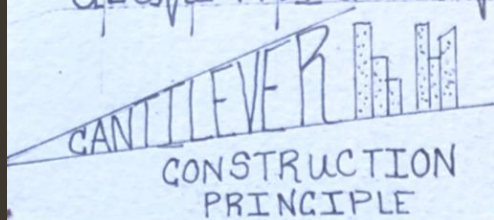
Kasimir Malevich - "A Composition in Suprematism"
Moscow 1910



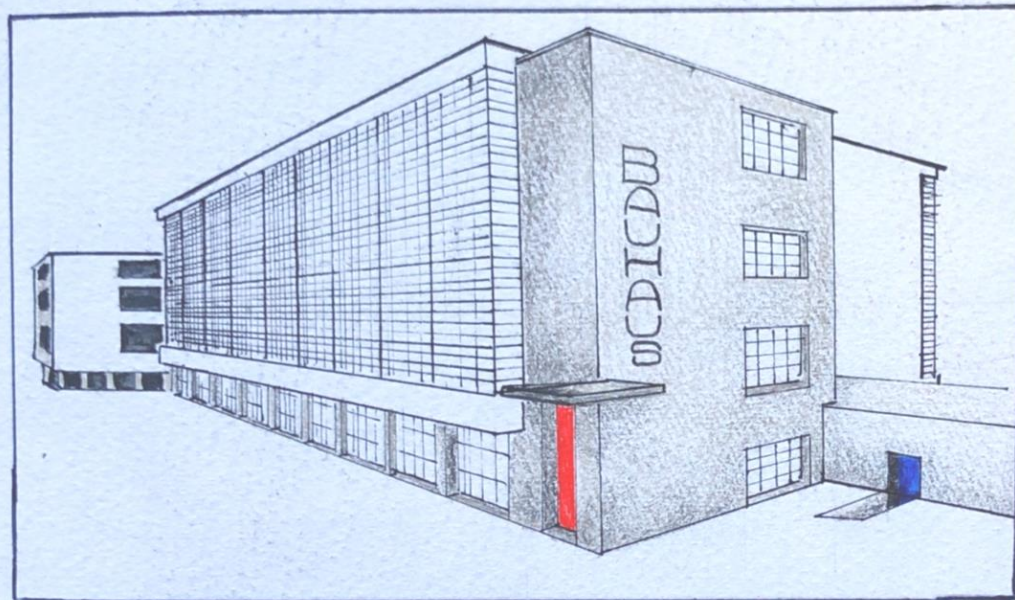
Paul Cezanne
Harlequin 1880-90

EARLY MODERN ARCHITECTURE

GEOMETRIC FORM



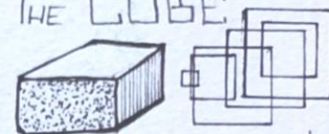
deStijl
The Style
FUNCTION



WALTER GROPIUS, DESSAU,
GERMANY 1925

School of Design = House Design.

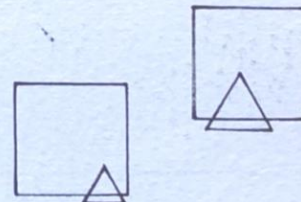
THE CUBE



de stijl is born!

FLAT ROOFS

ARE IN STYLE



IRVING

FROM: TULLY, NEW YORK

Arrived: **San Diego** 1894

Established: Falkenham & Gill

The Architects....

JOHN GILL

AMERICAN

ARCHITECT

1870 - 1936

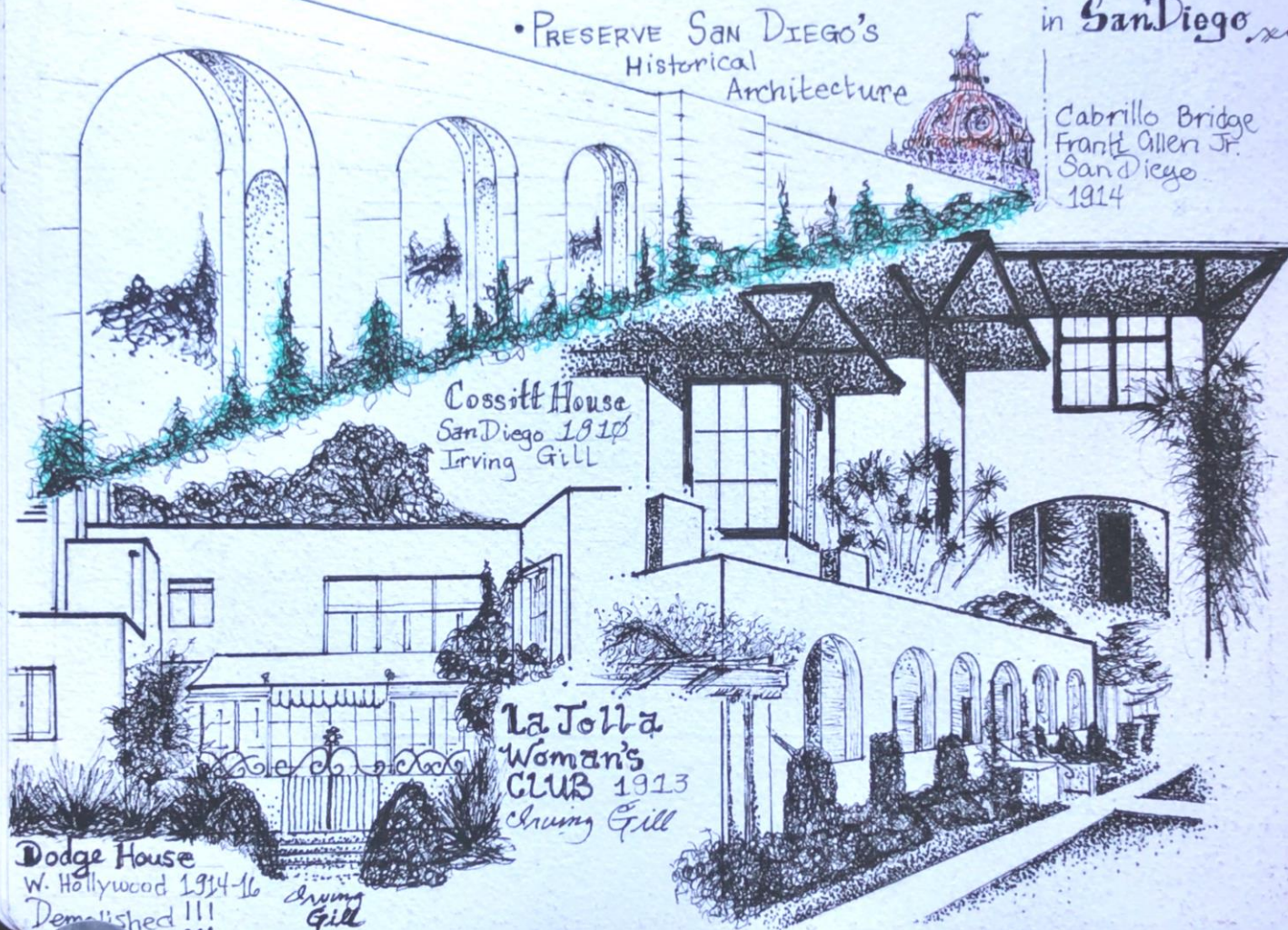


Irving Gill was influenced by Roman Architecture...

Pioneer of Modern Architecture
in **San Diego**

• PRESERVE SAN DIEGO'S
Historical
Architecture

Cabrillo Bridge
Frank Allen Jr.
San Diego
1914



TRANSITIONS FROM Expressionist to Functionalist

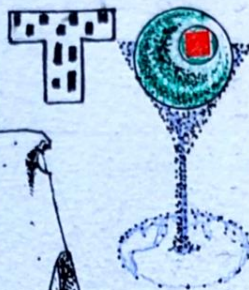


GLASS MONUMENTS

From
↳

ERICH
MENDELSON
"EINSTEIN
TOWER"

Potsdam Germany
1921



AFFORDABLE
COST OF MATERIALS

\$20 CENTS

PER CUBIC FOOT
EARLY 1900's

ERICH MENDELSON
SCHOCKEN DEPT. STORE
STUTTGART, GERMANY 1926

Early 20th century Architects took
to two major views. 1 - Philosophy
of function. 2 - Geometric forms
with the ruthless elimination
of ornament. This was from
Adolf Loos essays - 1931

FRANK LOYD WRIGHT

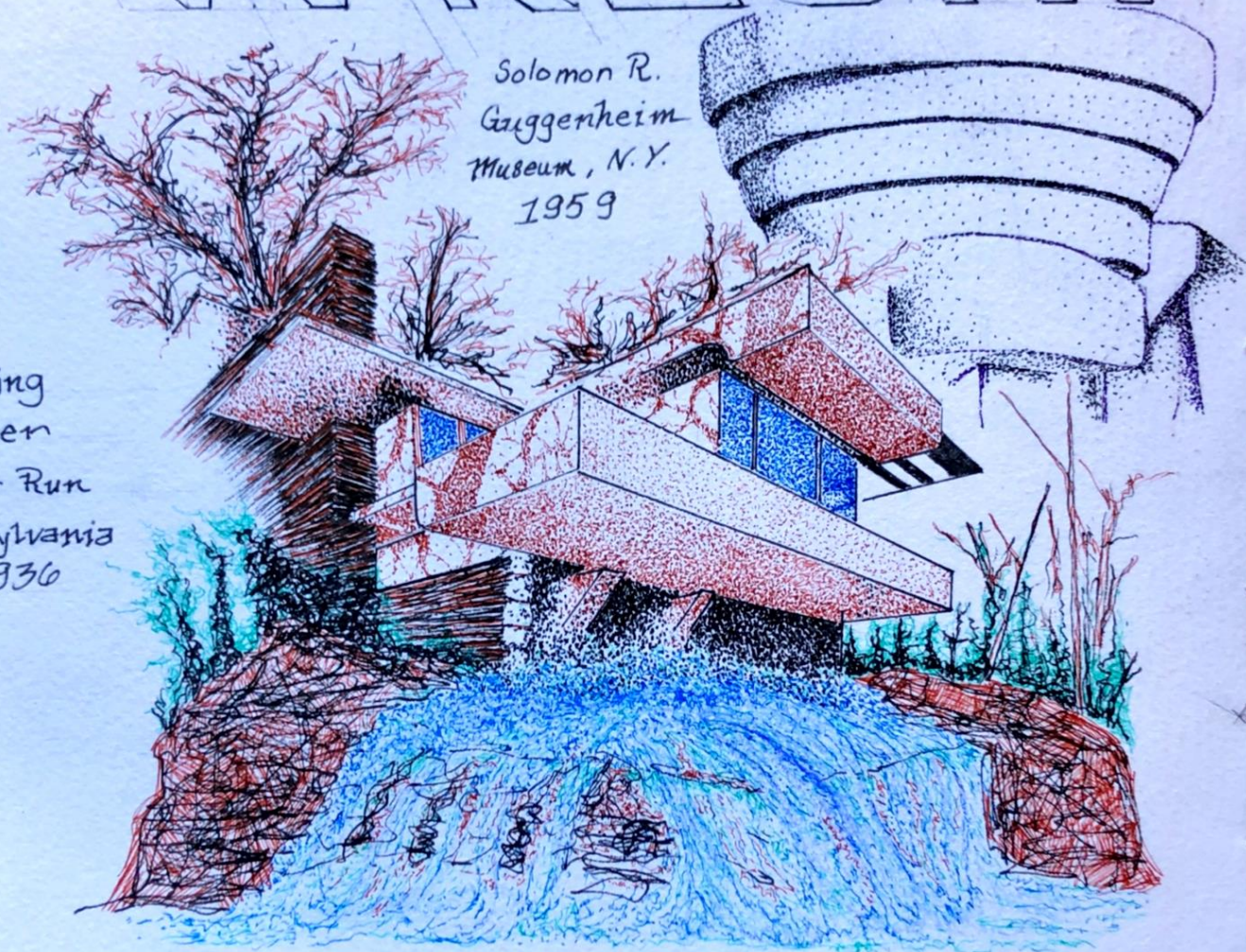
American Architect 1869 - 1959
- Modernist -

Early influence Art Nouveau
"Julien Meister" → Louis Sullivan
Transformed to a Modern Architect.

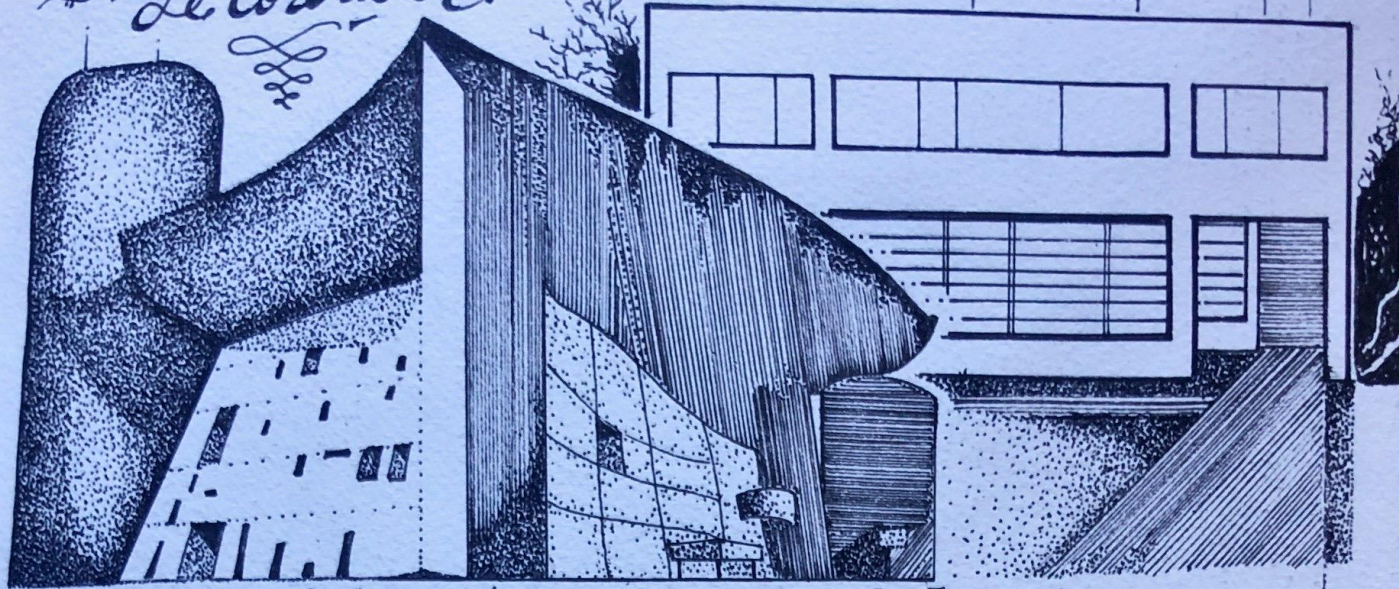


Solomon R.
Guggenheim
Museum, N.Y.
1959

Falling
Water
Bear Run
Pennsylvania
1936



Charles - Edouarde Jeanneret - Le Corbusier - Triss 1887-1965



Re-invented Urban Scaled Architecture - Trademarks: The Flat Roof, Unornamented horizontal windows, freestanding column, floating cube.

Left: PILGRIMAGE CHURCH OF NOTRE DAME DU HAUT, Ronchamp, France, 1950-1954. Right: VILLA SAVOYE, POISSY, FRANCE 1928-1929



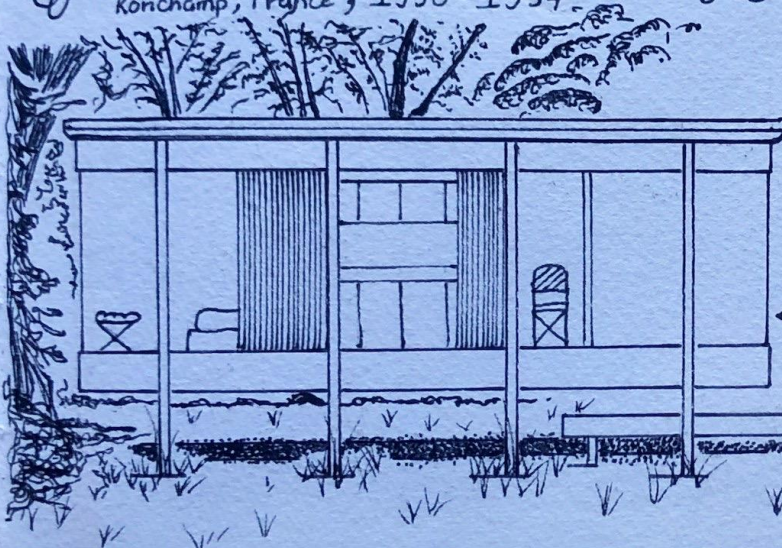
Ludwig Mies
van der Rohe

Functionalism Architecture

No formal training: Studied under Behrens.

← Farnsworth House

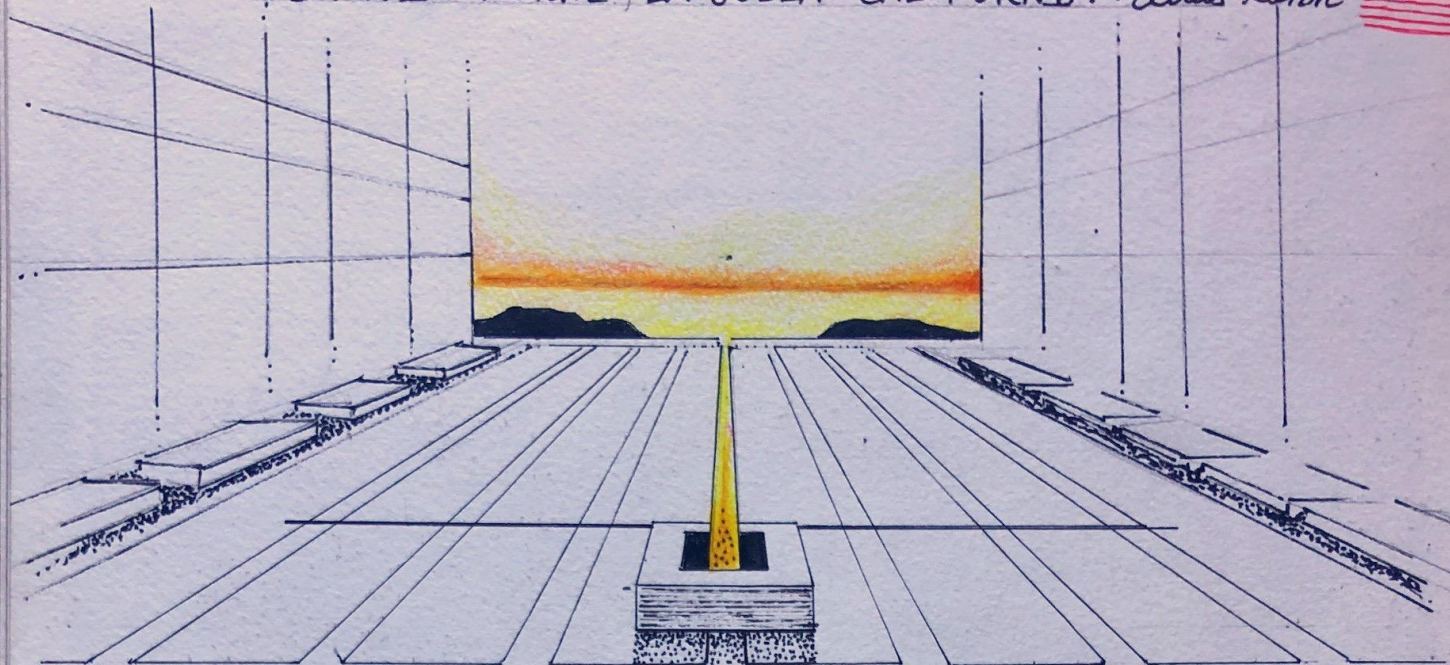
PLANO, Illinois, 1946-1950



1959-65

SALK INSTITUTE, LA JOLLA - CALIFORNIA

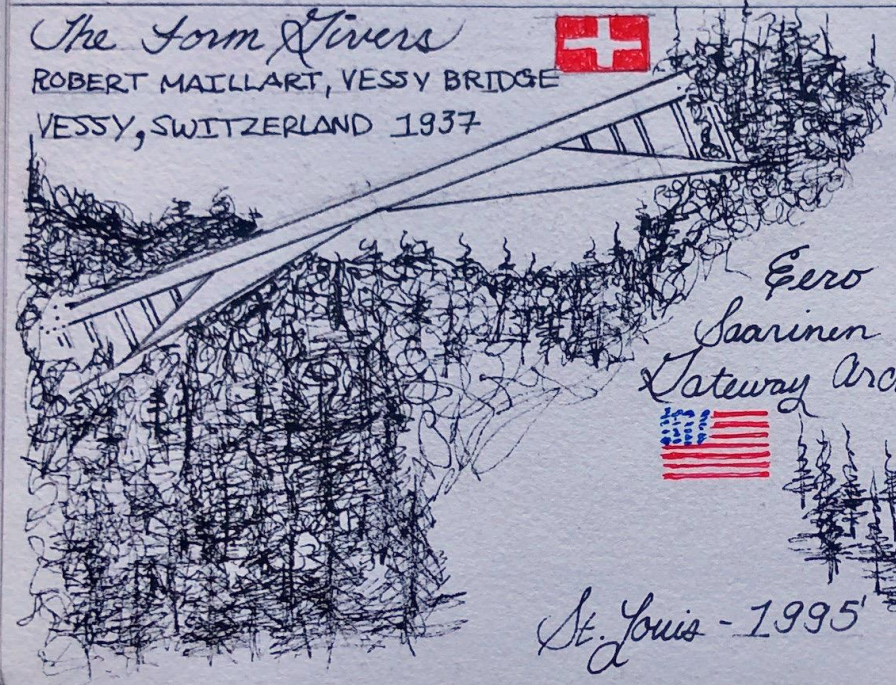
Louis Kahn



The Form & Fivers

ROBERT MAILLART, VESSY BRIDGE

VESSY, SWITZERLAND 1937



Eero
Saarinen
Gateway Arch



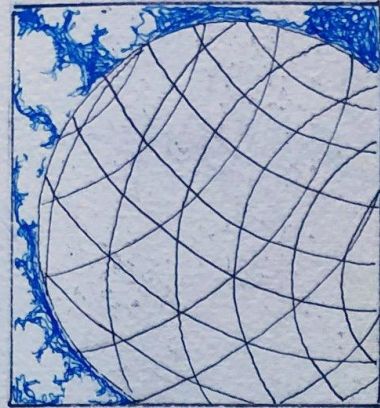
St. Louis - 1995'

Saarinen
Shapes of
the
Future



ENGINEERING

Spaceship Earth.



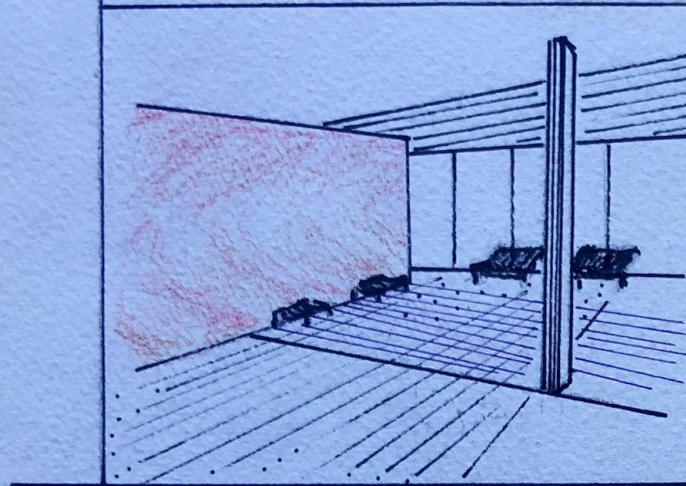
Buckminster Fuller
Geodesic Dome
USA - 1954

The New Utopians



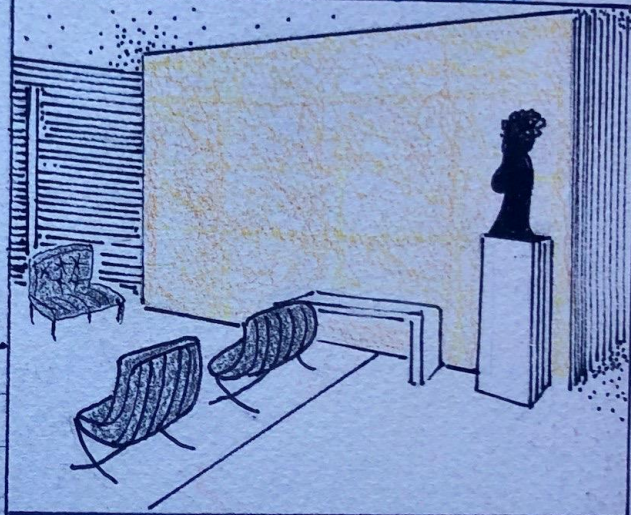
William
Katavolos
Project for Chemical
Architecture, New York, 1960

Early MODERN INTERIOR Juxtapose Design



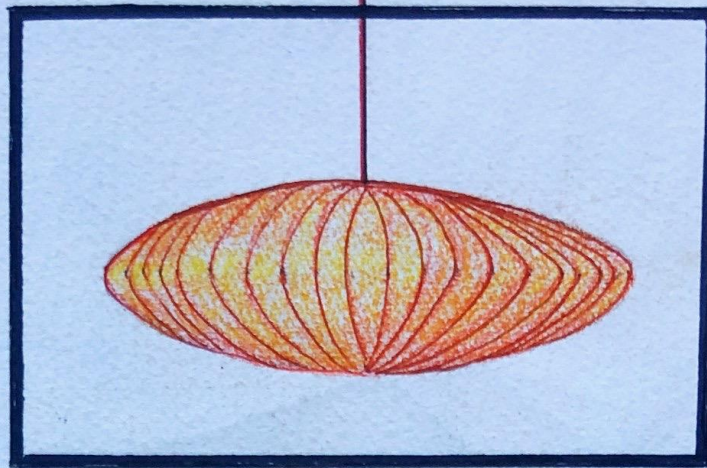
Ludwig Mies van der Rohe
German Pavillion
International Exposition
Barcelona, Spain 1929

Ludwig Mies vander der Rohe
GERMAN PAVILLION
TUGANIKAT HOUSE, BRNO
CZECH REPUBLIC, 1930



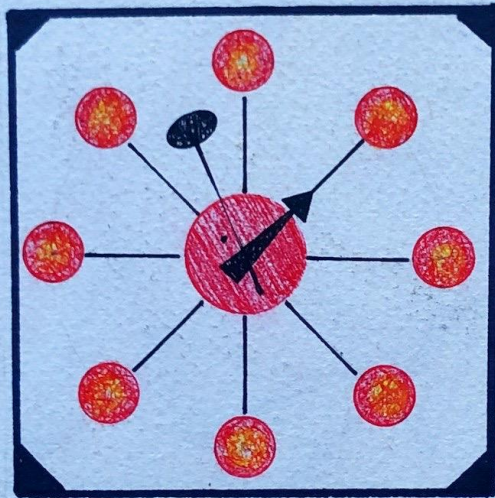
George Nelson

Sculpted FORM

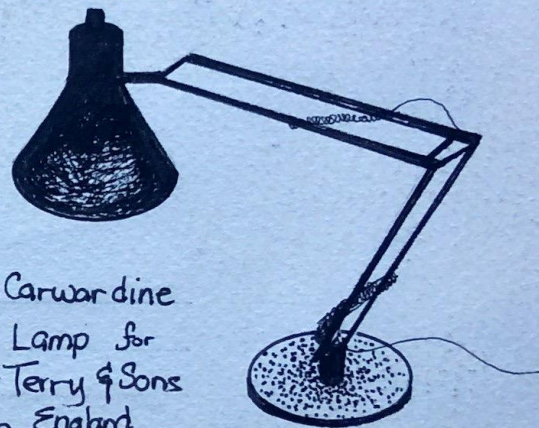


Bubble Lamp
for Howard Miller
Zeeland
Michigan
1947

Ball Clock
for Howard Miller 1947



Human-Scaled Designs

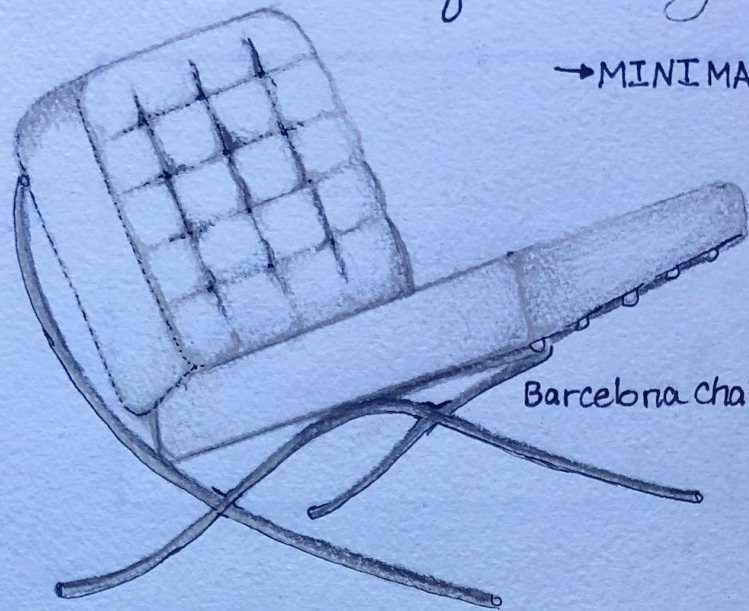


George Carwardine
Drafting Lamp for
Herbert Terry & Sons
Redditch England
1933

Machines for *Sitting*

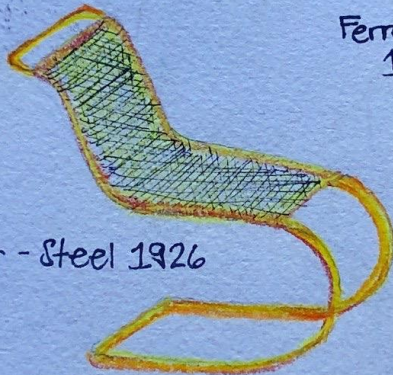
↓ functionality ↓

→ MINIMALISM ←



Barcelona chair - 1929

Ludwig Mies van der Rohe



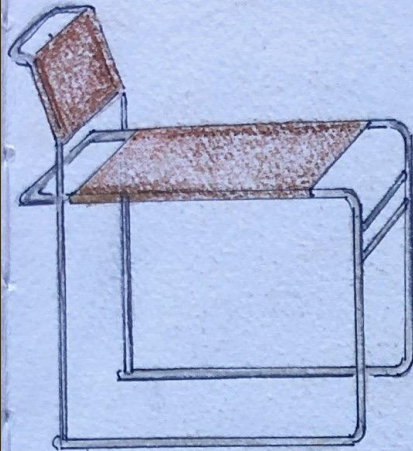
Cantelver Chair - Steel 1926

Antonio Bonet
Juan Kurchan & Jorge
Ferrari Hardoy - Hardoy
Chair
1938



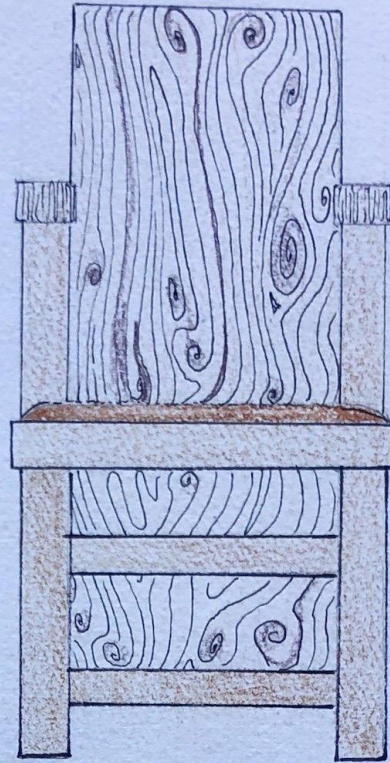
Cubist Chairs →

- Tubular Steel
- Chrome Plating
- Geometric Forms



Marcel Breuer
B33 Steel Chair
Thonet, Austria 1928

Frank Lloyd Wright



Side Chair
Buffalo, New York
1904

• De Stijl

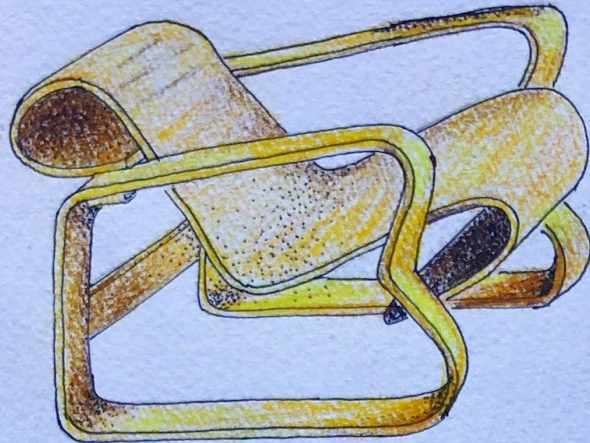
PRINCIPLES

Ludwig Mies van der Rohe
Cantilever Steel Chair
Germany 1927



Beyond Sculpted Steel

Paimio Sanatorium Armchair



ALVAR AALTO, Molded Plywood
Turku, Finland -1932



Eero Saarinen
Top: Tulip molded fiberglass
Chair for Knoll-1955-56

LEFT: WOMB CHAIR for KNOLL

★ The age of stamped plywood
Instead of metals. Thin
layers of veneer. Trying to
express advanced technology for the time.

Charles and Ray

1907 - 1978

LL

1912 - 1988

Eames

Eames House → Case Study #8



Charles Eames met Bernice Alexandra "Ray" Kaiser Eames in 1940. Charles was an Architect and Ray was an Artist. The combination birthed a beautiful home. A plethora of furniture and art pieces were realized and displayed.



- Eames Design -
Lounge Chair
and ottoman
"Designed after
a basemen's
Mitt"

FUTURISM

and Italian Design

Fluid Forms

Voluptuous
Forms

Sculptural
Forms



Corradino D'Ascanio
"Vespa" scooter for Piaggio
Genoa, Italy - 1965

Gio Ponti
1930-35



Coffee
Service for
Richard Ginori, Sesto Fiorentino Italy



Ettore Sottsass Table knife Milan 1967



Achille &
Pier Giacomo
Castiglioni,
Arco FLOOR
LAMP for FLOS
MERANO
Italy - 1962



Ettore Sottsass
Valentine Typewriter for Olivetti
Italy - 1969

Early Modern Graphic Design



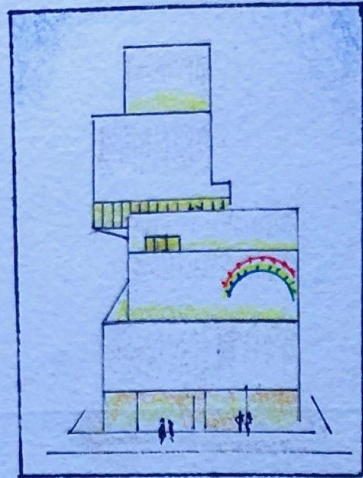
ROBERT BERÉNY
POSTER for MODIANO
CIGARETTE PAPERS
ITALY, c. 1930



MILTON GLASER
BOB DYLAN, NEW YORK 1967

↙ ABSTRACT POSTERS ↗

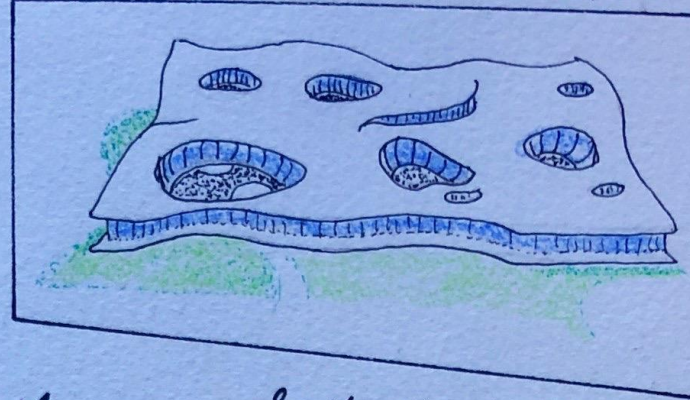
Late ▶...



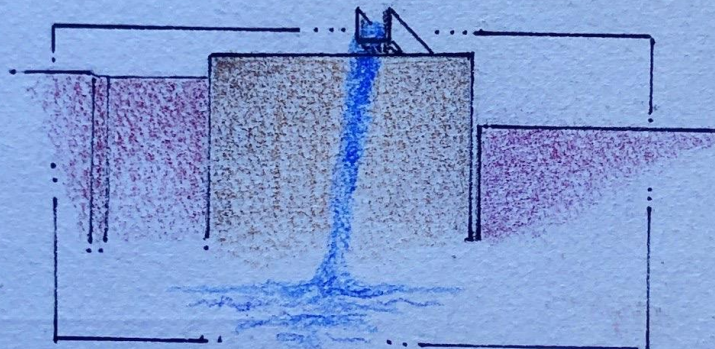
SANNA → NEW
MUSEUM of
CONTEMPORARY
ART, NEW YORK 2007

Modern ▶...
Design ▶...

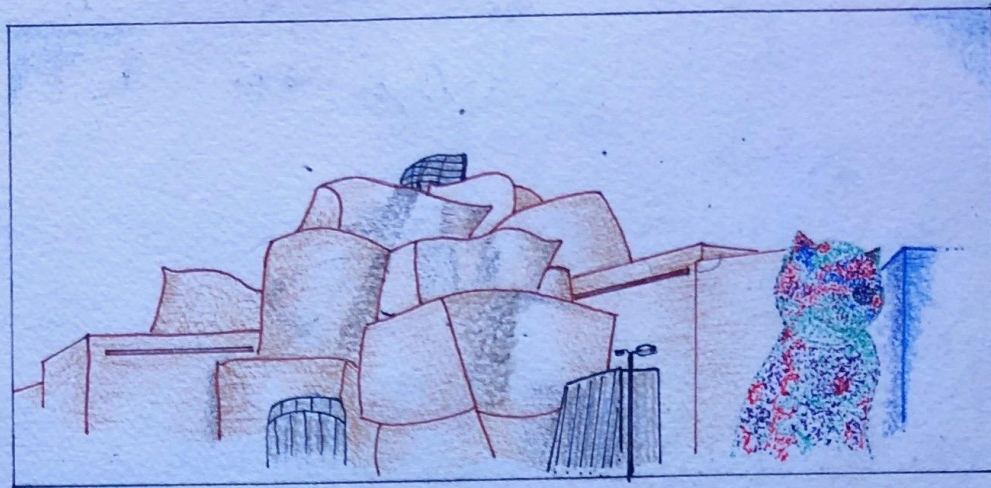
SANAA, ROLEX LEARNING CENTER



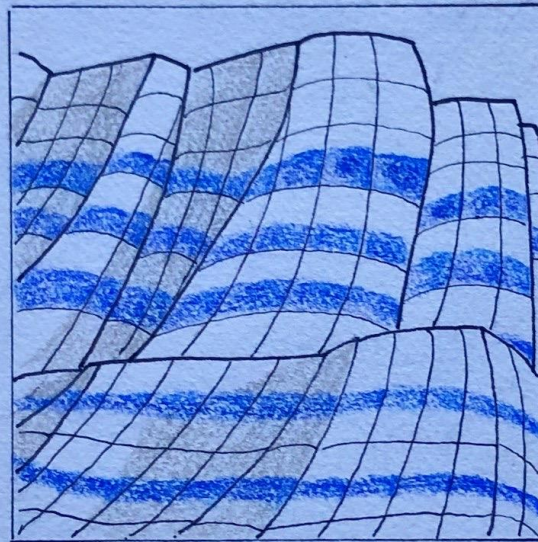
Lausanne, Switzerland - 2101



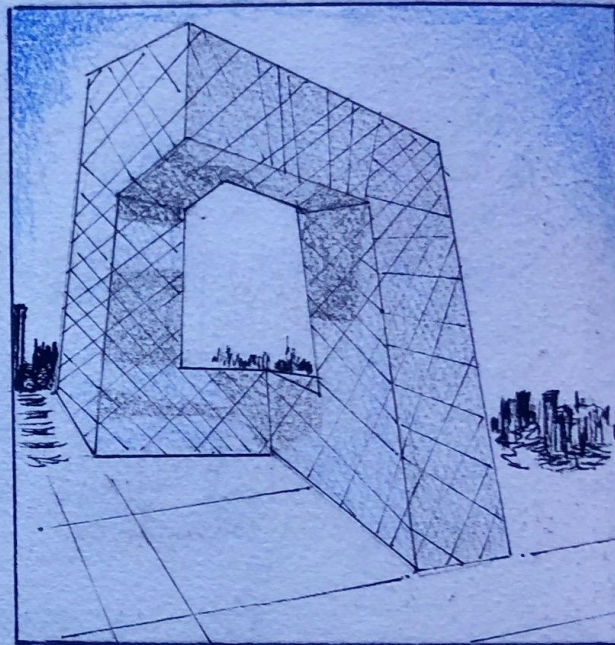
CONTRASTING "Late Modern Designs" GEHRY and KOOLHAUS



FRANK Gehry, Guggenheim Museum, Bilbao, 1997



IAC Building New York 2007

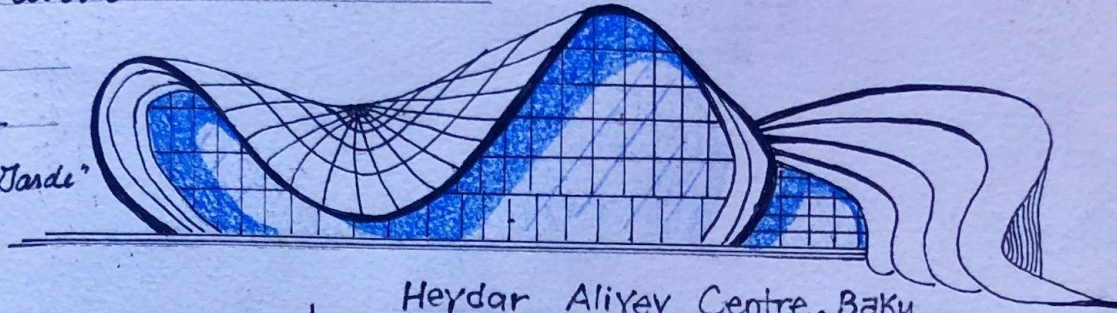


REM KOOLHAUS - Office for Metropolitan
Architecture with ARUP. CCTV Headquarters
Beijing, China 2010

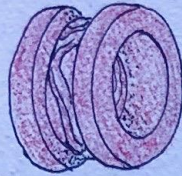
Zaha Hadid DAME

Queen of the curve 1950-2016

influenced by
Suprematism
"Russian Avant-Garde"



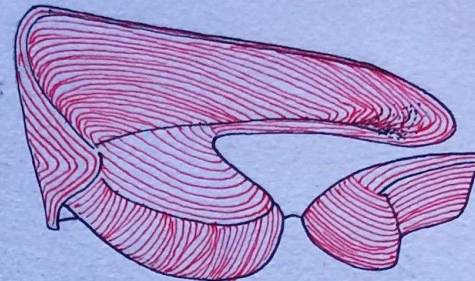
Heydar Aliyev Centre, Baku



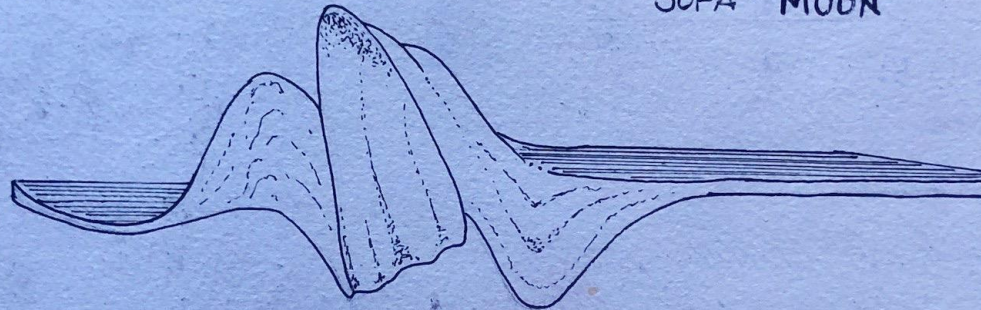
BVLGARI B1 ZERO



"FLAME" SHOE



SOFA "MOON"



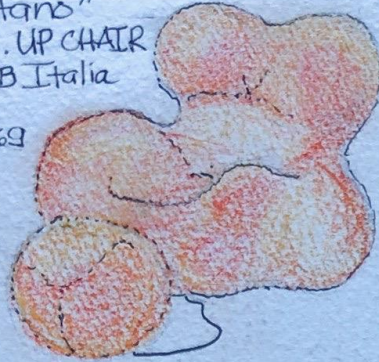
"STAR WARS" TABLE

LATE MODERN *graphic* DESIGN

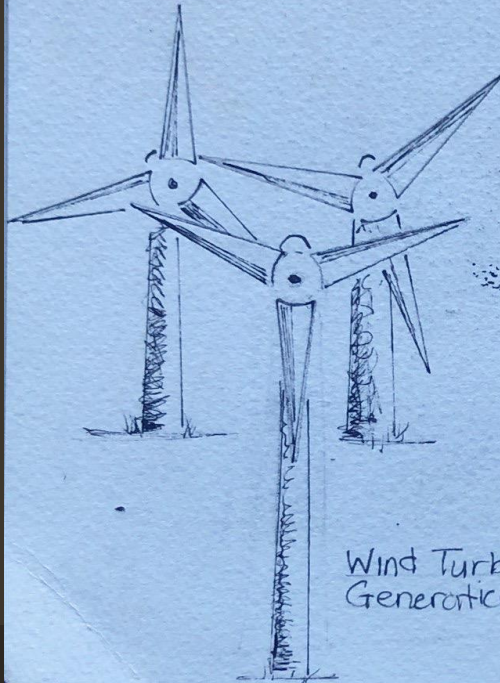
ALAN FLETCHER *Pentagram*
Victoria & Albert Museum
Logo Charachut London
1989

PRODUCT V&A

"Gaetano"
Pesce UP CHAIR
FOR C&B Italia
Como
Italy 1969

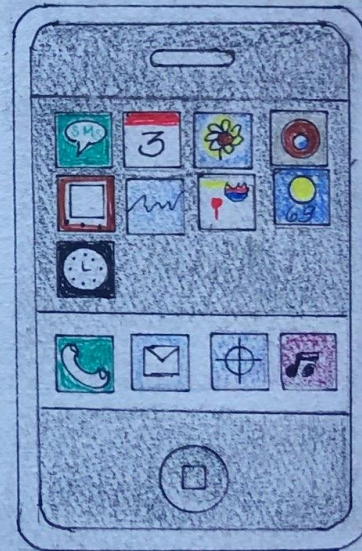


FRANK GEHRY
WIGGLE SIDE CHAIR
NOW MADE VITRA 1972



Philippe Starck - 1988
Juicy Salif Juicer for
Alessi

Jonathan Ive
iPhone for
APPLE 2007



Wind Turbine
Generation field