ARCH1101 EXP2

THE SPACE BETWEEN

RUSSELL LOWE

THE BRIEF FOR EXPERIMENT 2
THE CONCEPT
THE TOOLS
THE FORM: THE HOLE, THE BOWL, THE ADDITION
THE AXONOMETRIC
STUDENT WORK
CryENGINE3 DEMO

THE BRIEF

Roanna Manlutac: Adolf Loos and Sou Fujimoto
Jeremy Harkins: Archigram and Winka Dubbeldam
Jackey Yuen: Daniel Libeskind and Hans Scharon
Jo An Kok: Toyo Ito and Carlo Scarpa
Rosmaond Kember: Neri Oxman and Erich Mendelsohn.
Rikke Bukh: Dorthe Mandrup-Poulsen and Karen Clemmensen
Stephen Davey: Kazuyo Sejima and Kenzo Tange
Vinh Nguyen: Luis Barragan and Farshid Moussavi
Matt Day: Frank Lloyd Wright and Aires Mateus
Brad Inwood: Charles Mackintosh and Ken Yeang
James Pedersen: Filippo Brunelleschi and Peter Zumpthor
Shaowen Wang: Yakov Chernikhov and Weiss/Manfredi.
Andrea Harrison: Zaha Hadid and Norma Merrick Sklarek

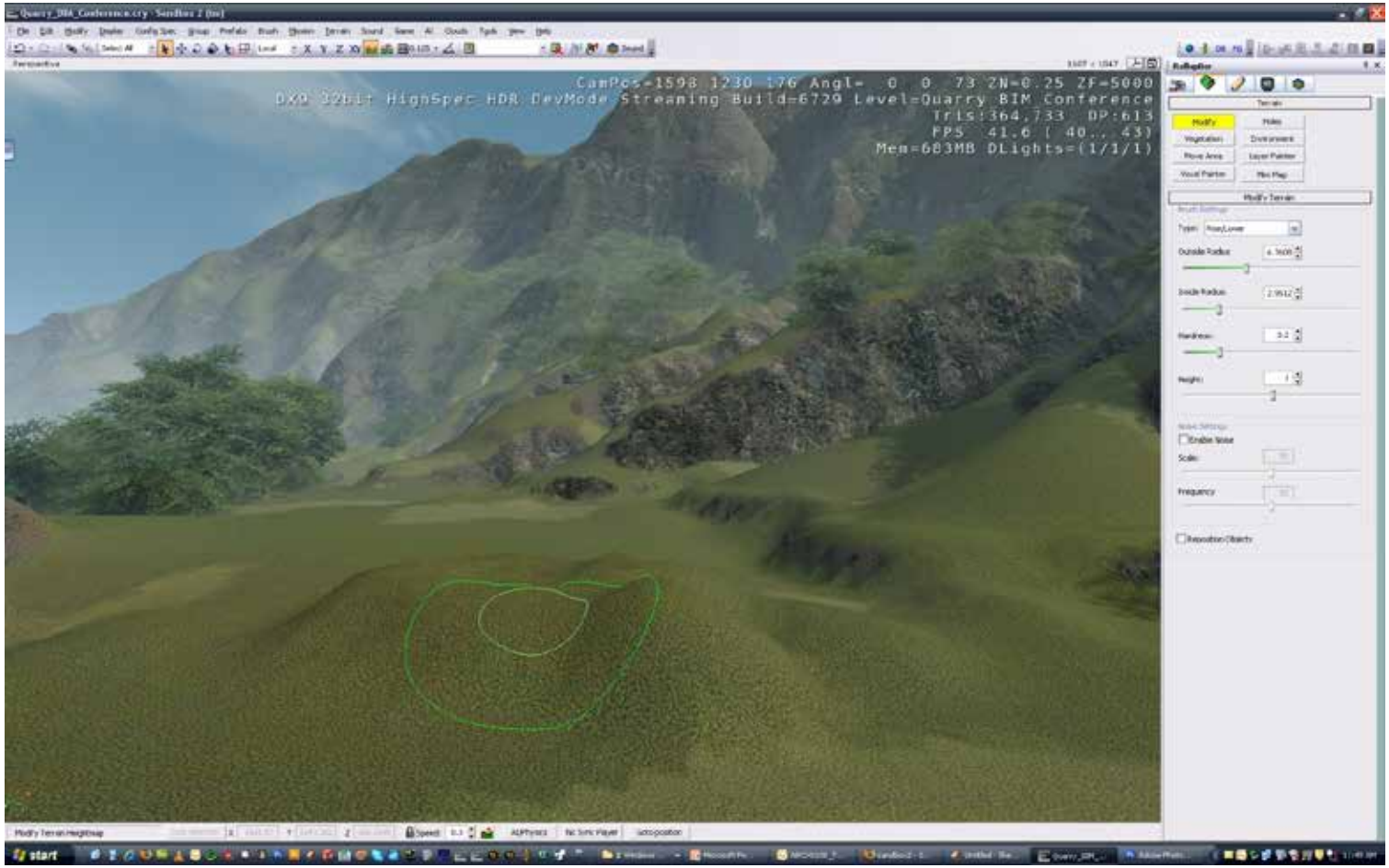
THE ARCHITECTS

Wordnet: defines 'concept' as a "conception, construct (an abstract or general idea inferred or derived from specific instances)".[1]

THE CONCEPT

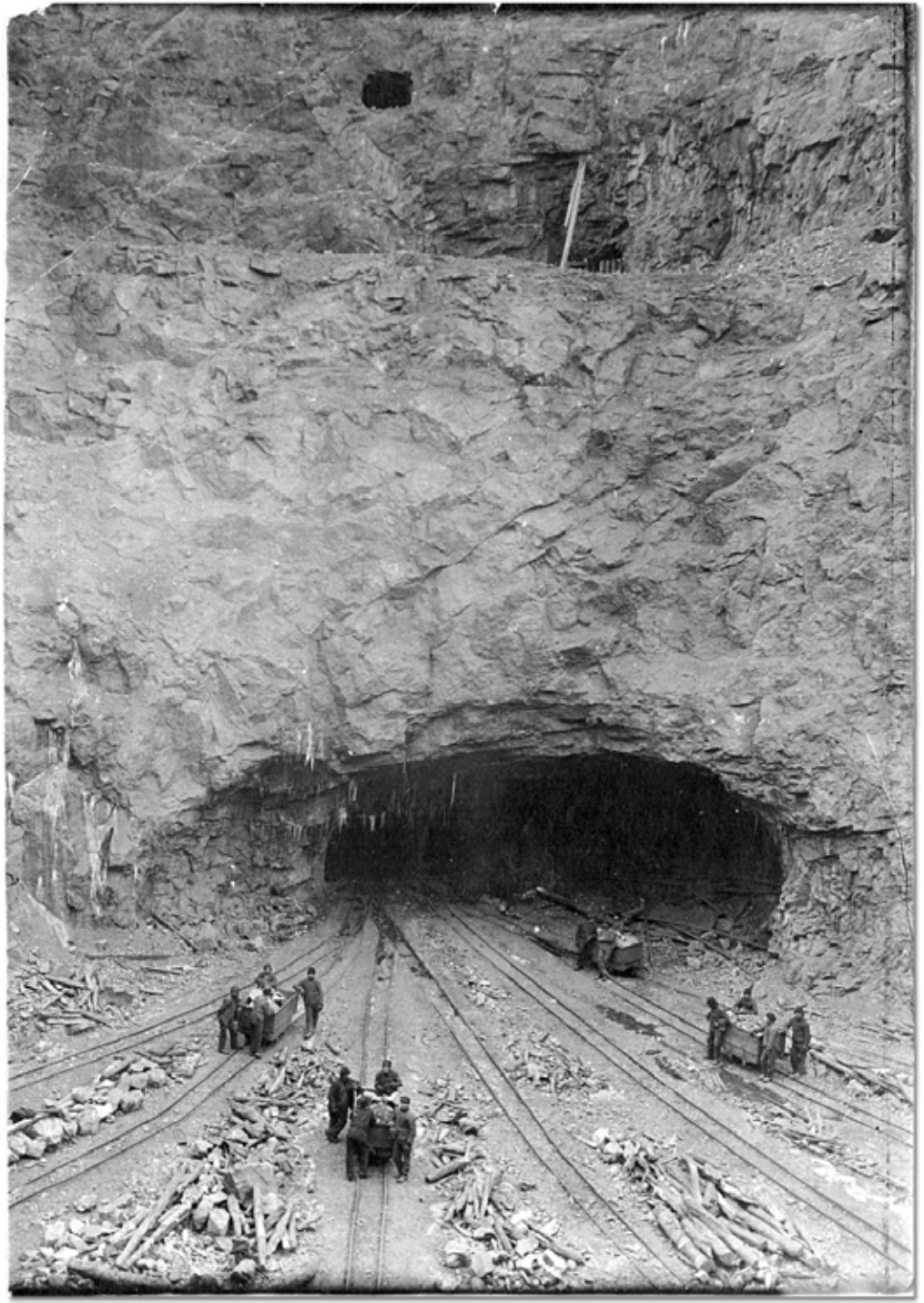
THE TOOLS

P&H

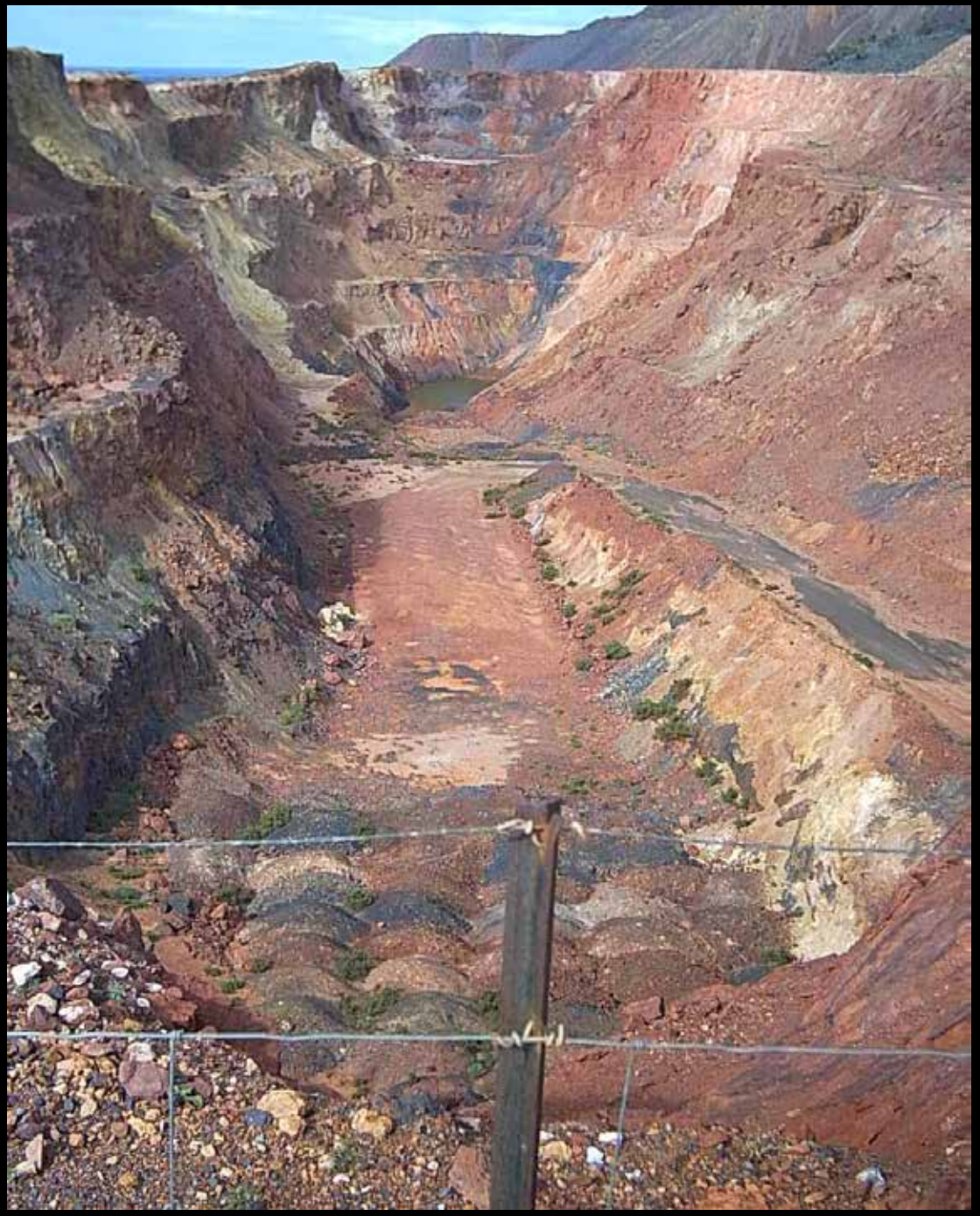

CamPos=1598 1230 176 Angl= 0 0 73 ZN=0.25 ZF=5000
DX9 32bit HighSpec HDR DevMode Streaming Build=6729 Level=Quarry BIM Conference
Tris:364,733 DP:613
FPS 41.6 (40.. 43)
Mem=683MB DLights=(1/1/1)

THE FORM

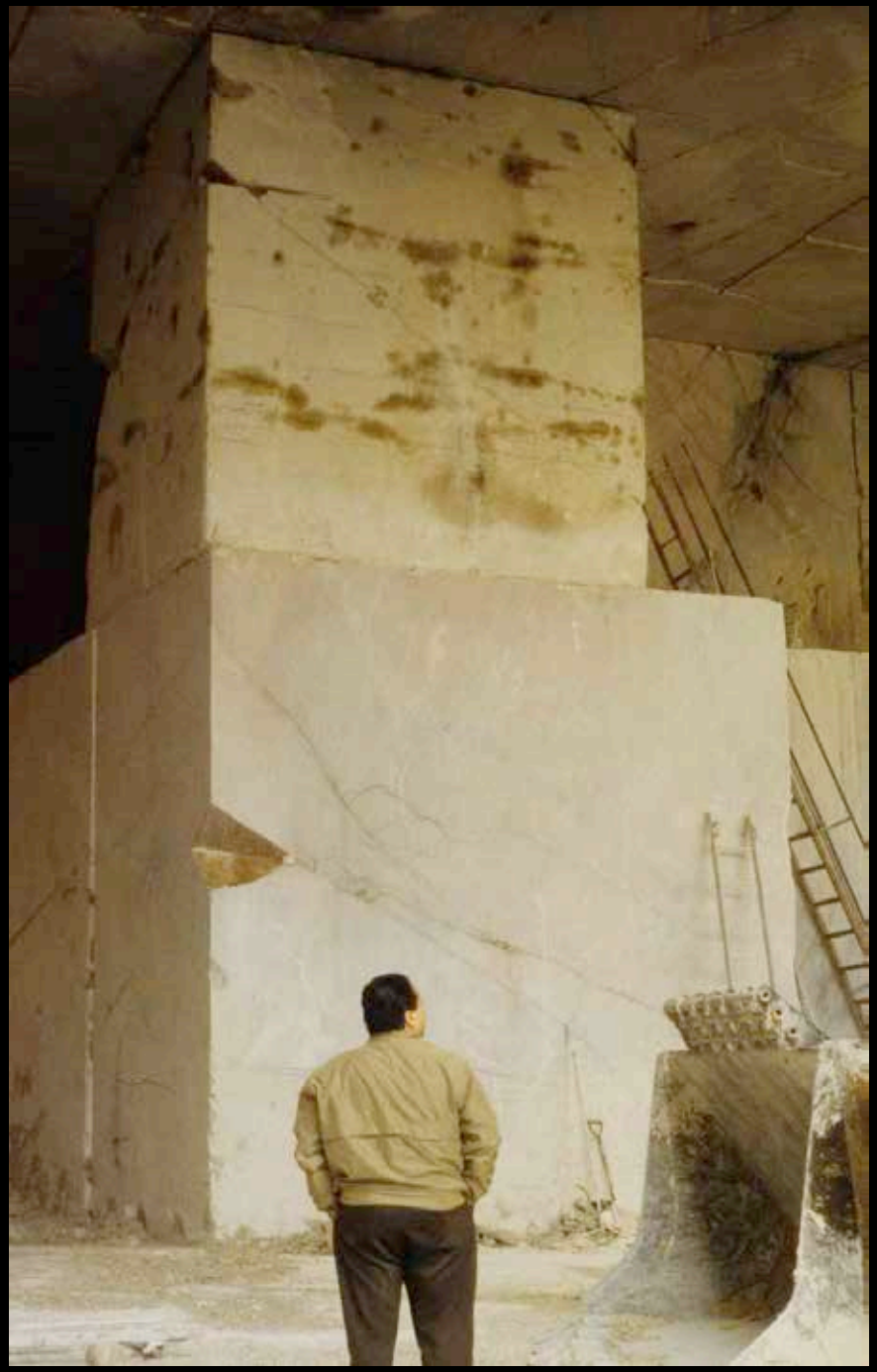
1. THE HOLE



AIR RECEIVER 2
Design Registration Number : WAP1564
Date of Registration : 25 February 2005



39R



MICHAEL HEIZER

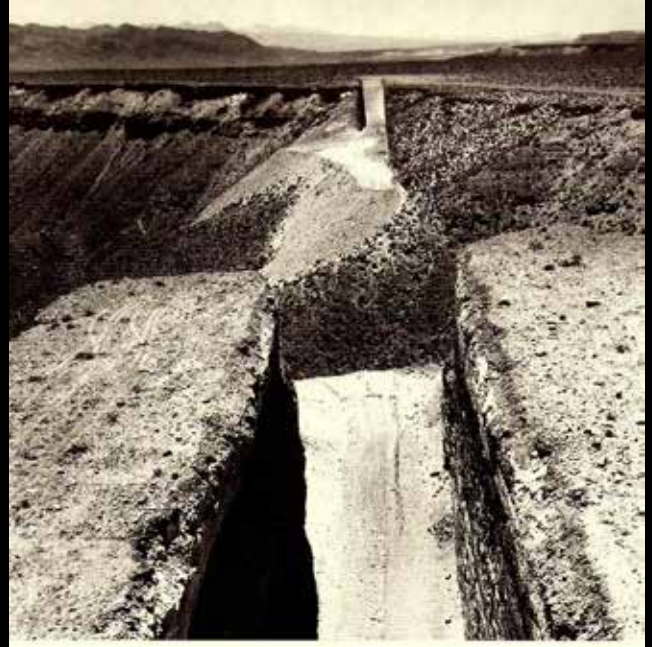
2. THE BOWL

skate.

VANS

SKATE BOWL DOCUMENTARY

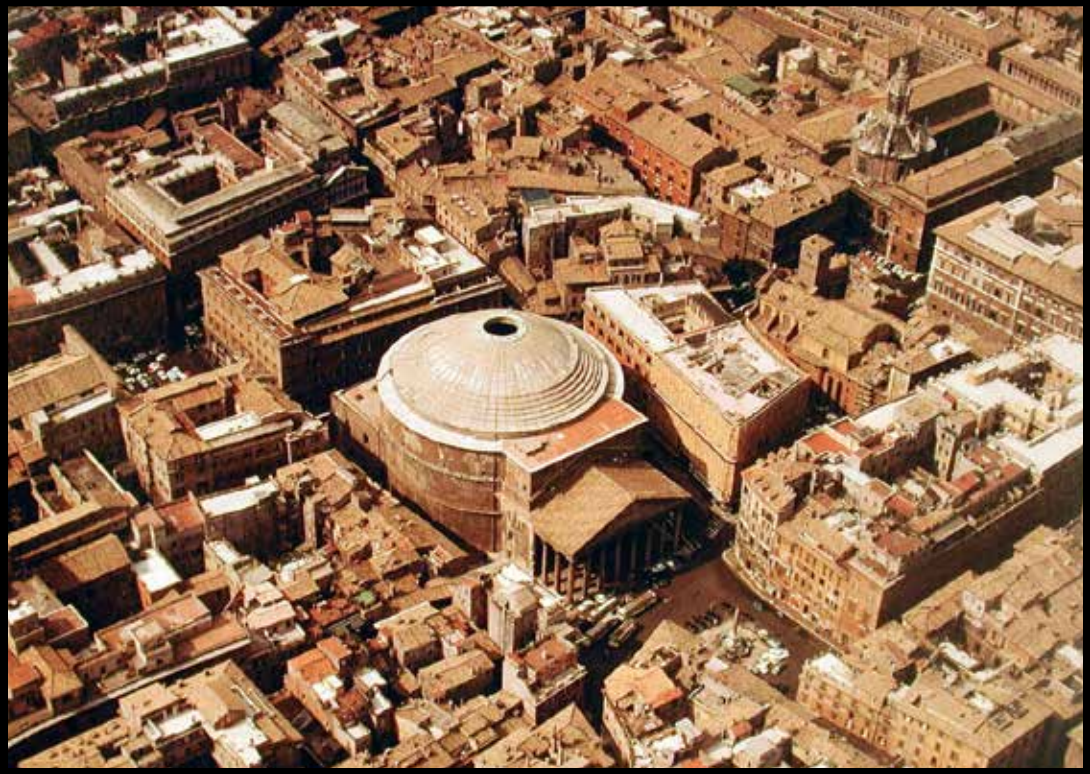
3. THE ADDITION



MICHAEL HEIZER

MICHAEL HEIZER

JAMES CORNER



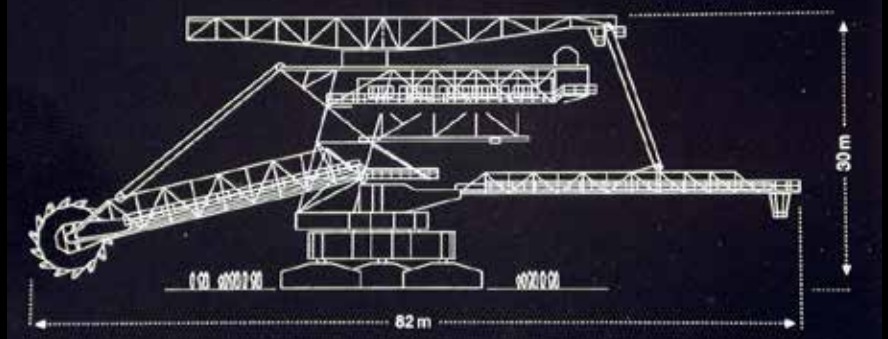
PANTHEON. ROME.

EDWARD BURTYNSKY

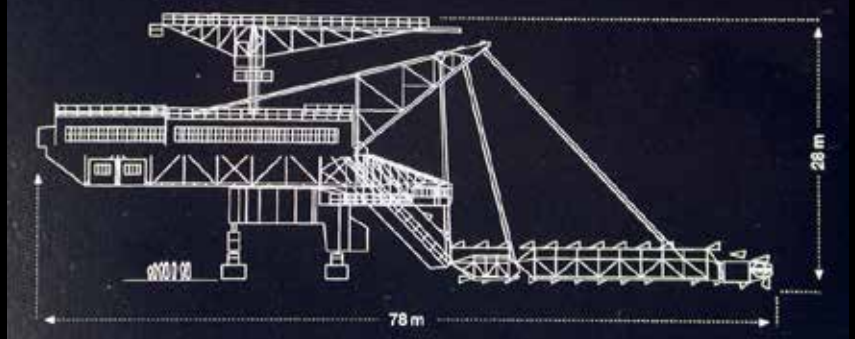
EDWARD BURTYNSKY

EDUARDO CHILLIDA

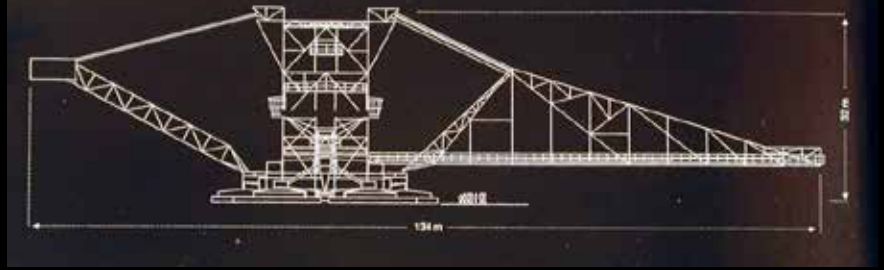
Big Wheel



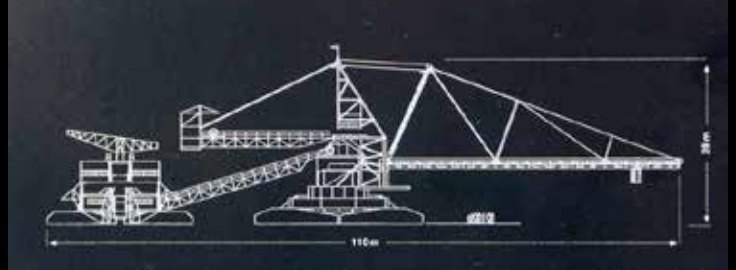
Mad Max

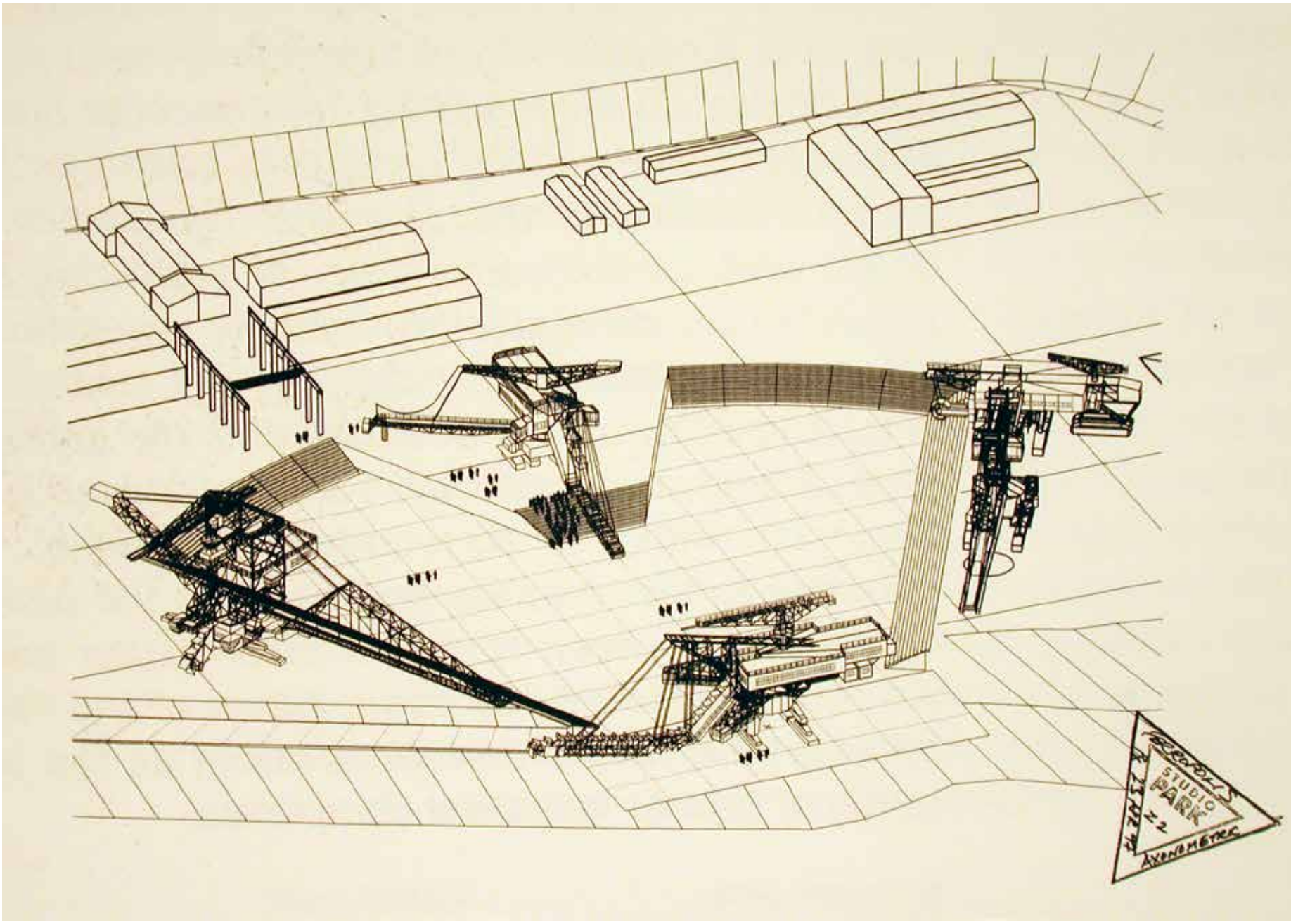


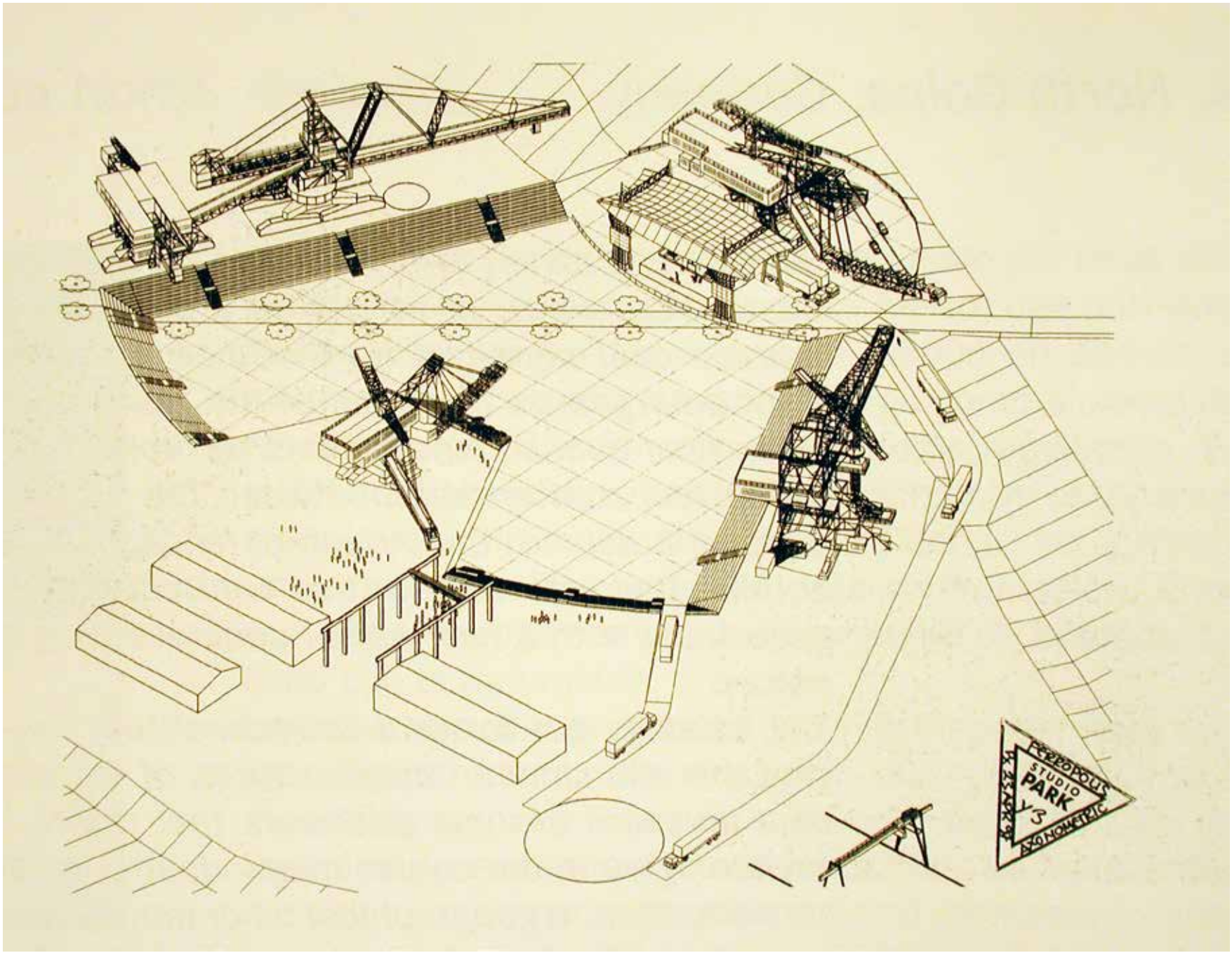
Medusa



Gemini




STUDIO
PARK
1:2
AXONOMETRIC


PERPOLOUS
STUDIO
PARK
Y3
AXONOMETRIC

SRs 1300
TAKRAF
1521

FERROPOLIS

TWO CONCEPTS

The Truffle is a piece of nature built with earth, full of air. A space within a stone that sits on the ground and blends with the territory. It camouflages, by emulating the processes of mineral formation in its structure, and integrates with the natural environment, complying with its laws.

ENSAMBLE STUDIO

Hemeroscopium is for the Greek the place where the sun sets, an allusion to a place that exists only in our mind, in our senses. It is constantly moving and mutable, but is nonetheless real. It is enclosed, delimited and suggested by the horizon, though it is defined by light and only takes place in a precise moment of time.

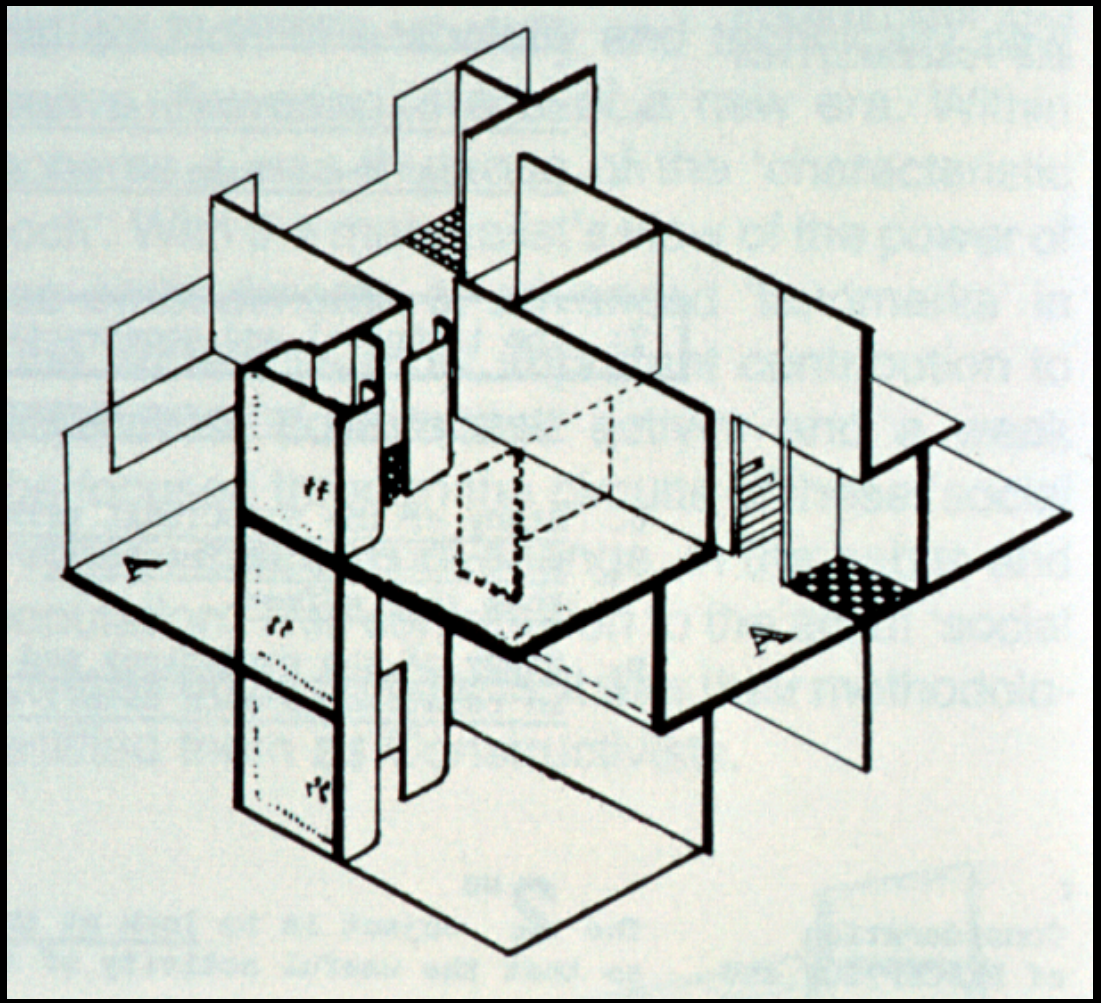
ENSAMBLE STUDIO

PARALLEL PROJECTION

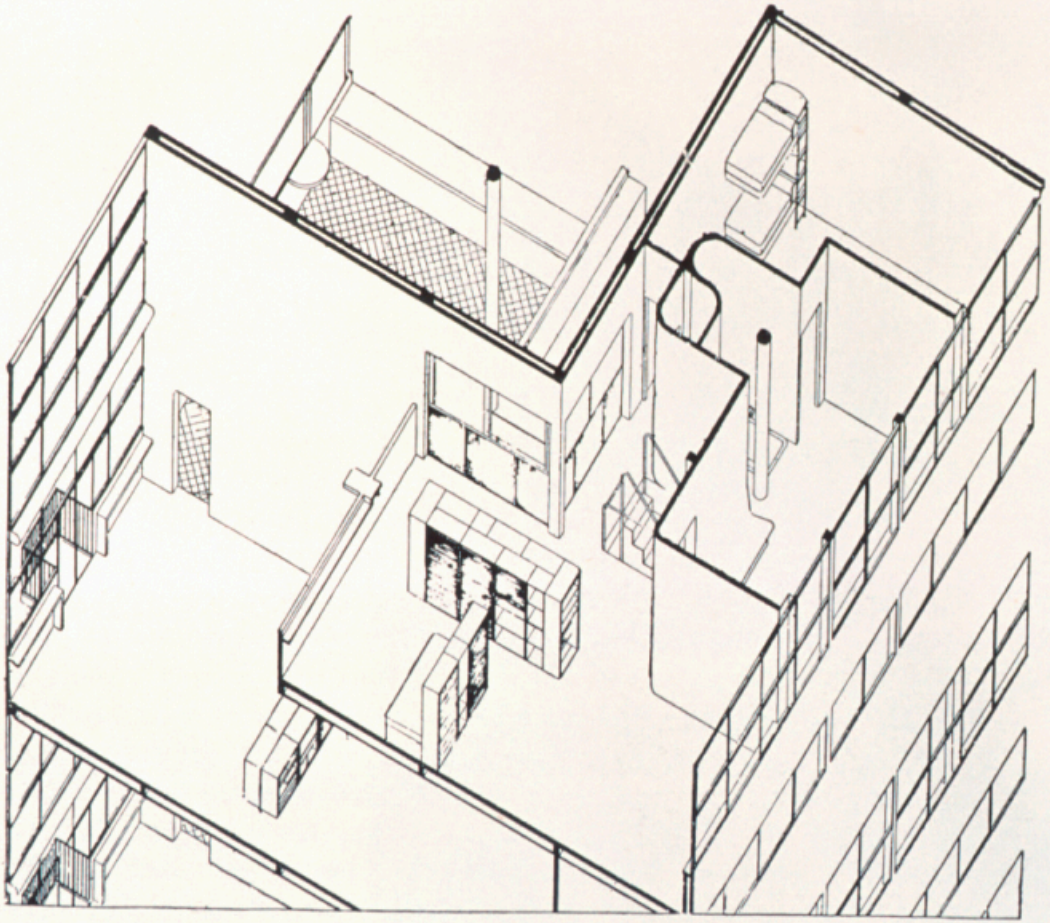
AXONOMETRIC

ISOMETRIC

PERSPECTIVE [ONE POINT]



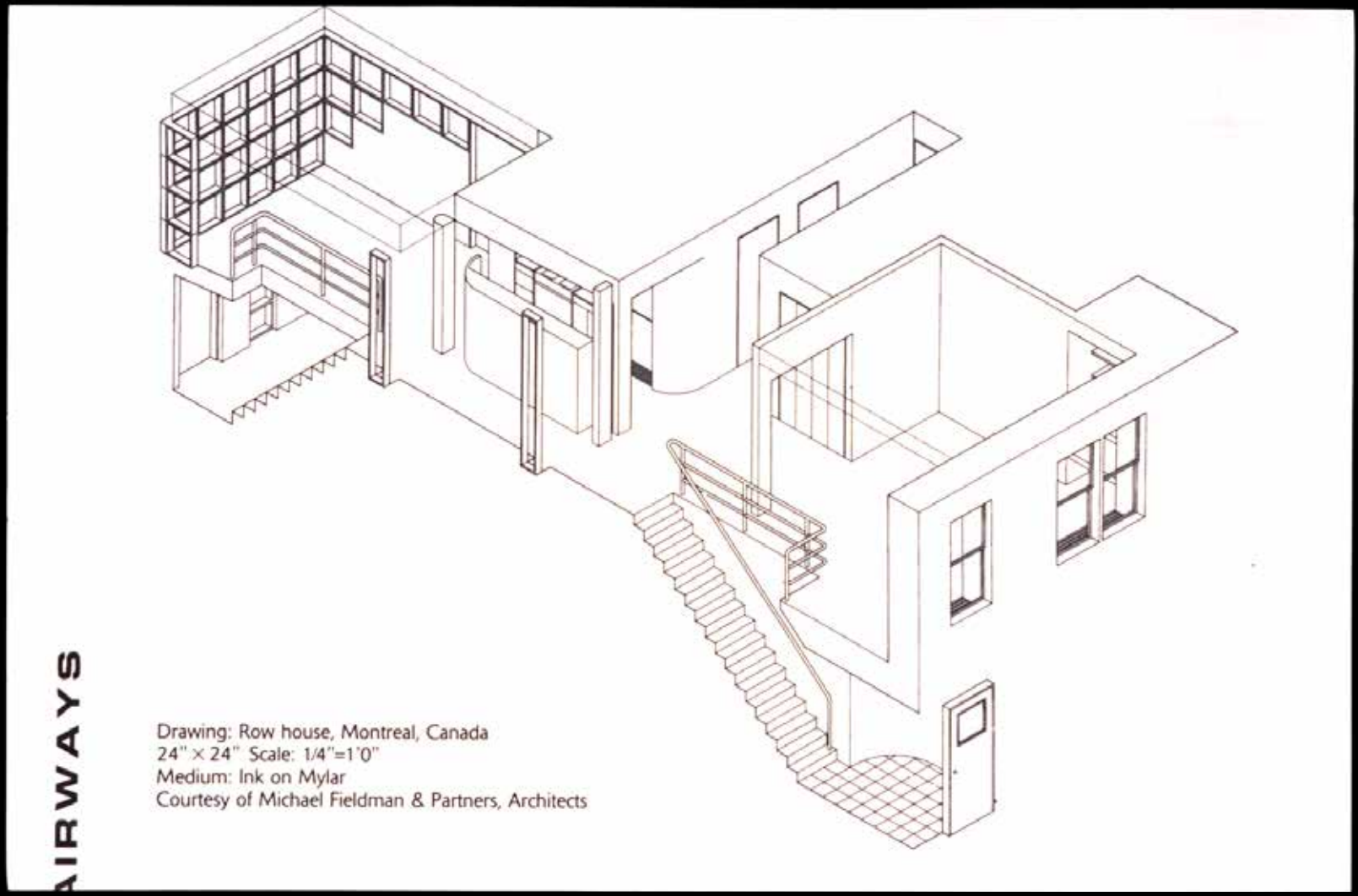
PARALLEL PROJECTION [ISOMETRIC]



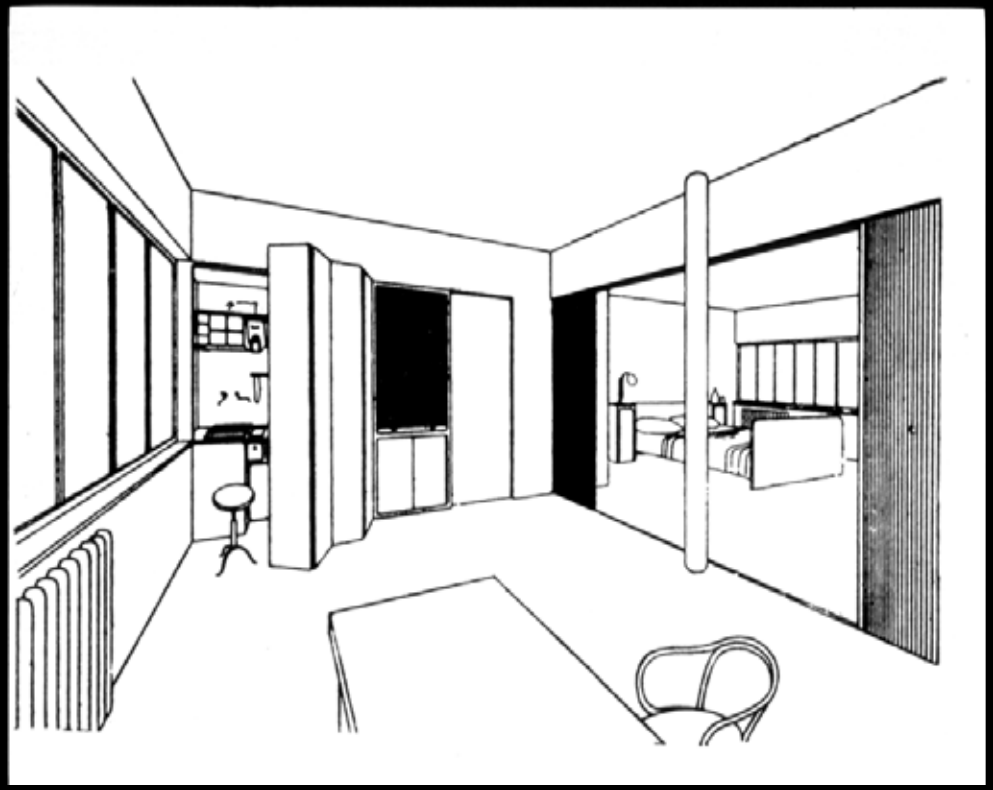
Le Corbusier und Pierre Jeanneret:

axonometric cons
The extent to
the "meta-design"
presented through
Ludwig Hilbersein
reorganization and
pedestrian traffic, p
is icastically summe
not attempt to inf
principle. In fact, t
cago.[22] The drawing
effect of reality ha
servient to the prin
of fixtures are indic
the figure, which c
sample. In order to
axonometry still fu
the figure. But the
drawing, of a varia
perimpression acts a
employed to suspe
Just how far the
pective and to axon
in the case of Hilber
ing at the bottom ri
"Hochhausstadt" wh

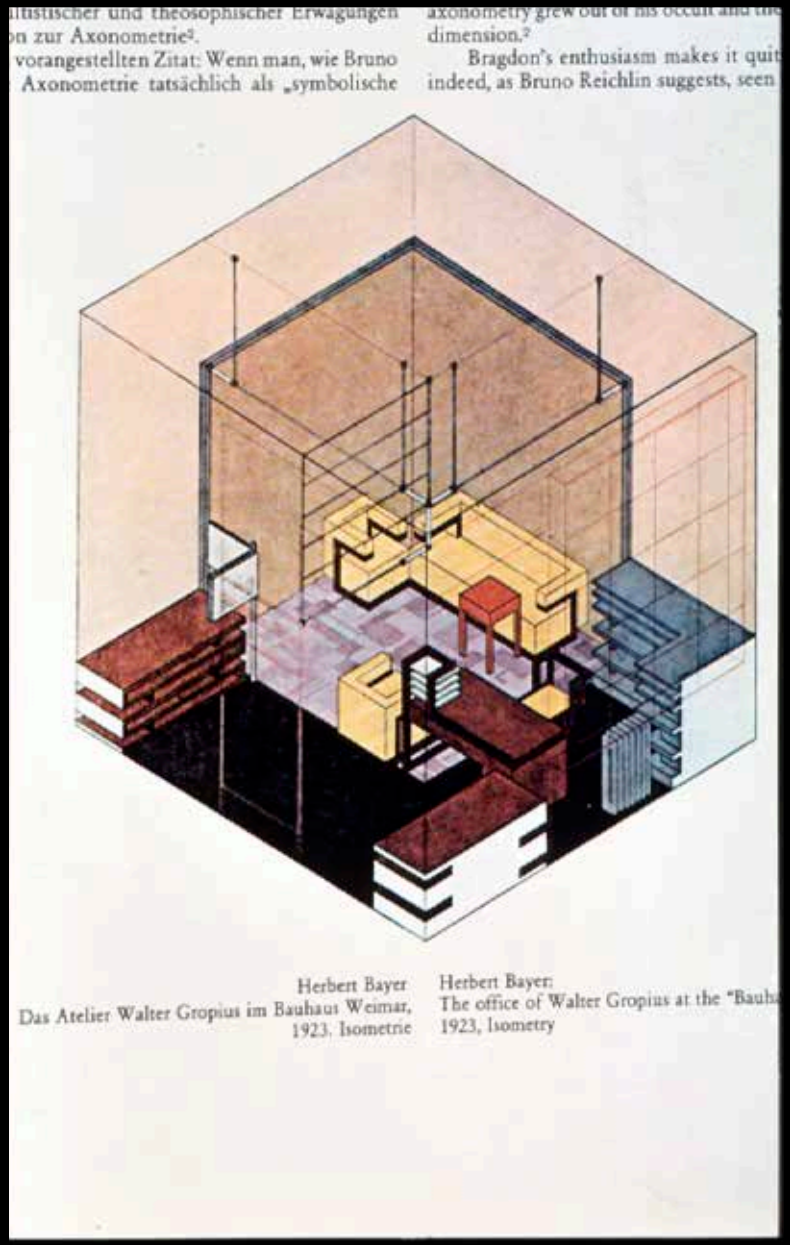
AXONOMETRIC [USUALLY ROTATED BY 45 DEGREES AND USES PLAN DIRECTLY]



ISOMETRIC [USUALLY 30 DEGREES IN BOTH DIRECTIONS OFF BASELINE AND MUST REDRAW PLAN]



PERSPECTIVE [TWO POINT]

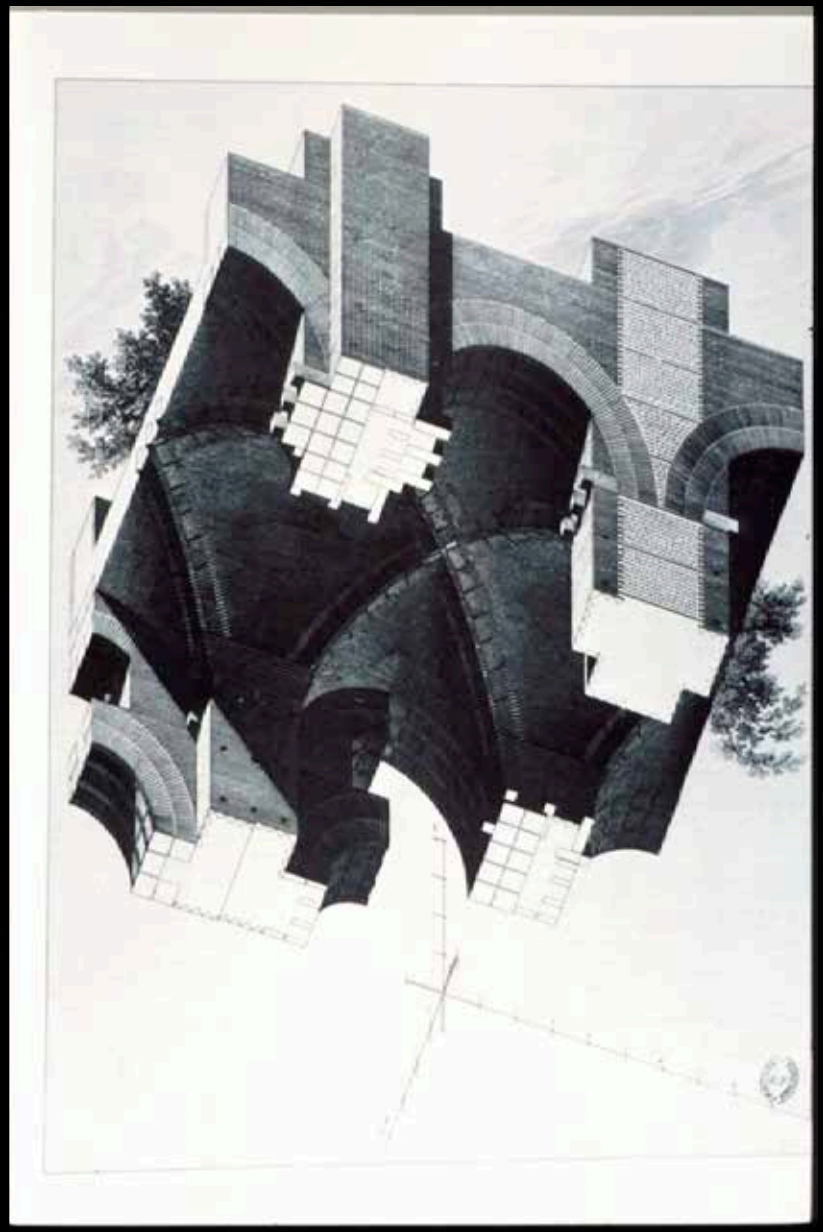


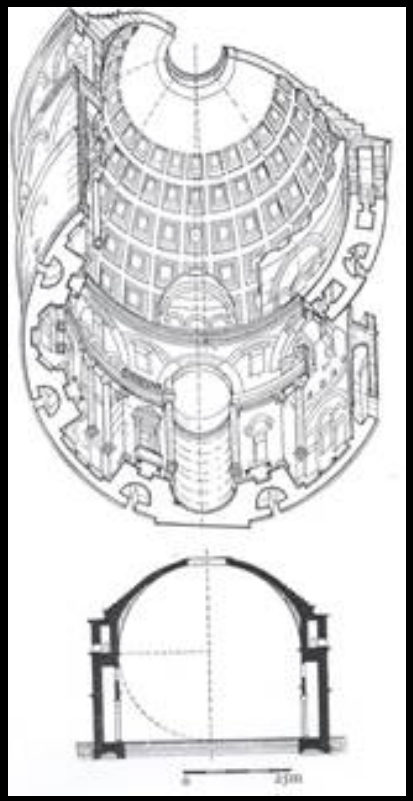
ilistischer und theosophischer Erwägungen
on zur Axonometrie[2].
vorangestellten Zitat: Wenn man, wie Bruno
Axonometrie tatsächlich als „symbolische

axonometry grew out of his occult and the
dimension.[2]
Bragdon's enthusiasm makes it quit
indeed, as Bruno Reichlin suggests, seen

Herbert Bayer
Das Atelier Walter Gropius im Bauhaus Weimar, 1923. Isometrie

Herbert Bayer:
The office of Walter Gropius at the "Bauh
1923, Isometry

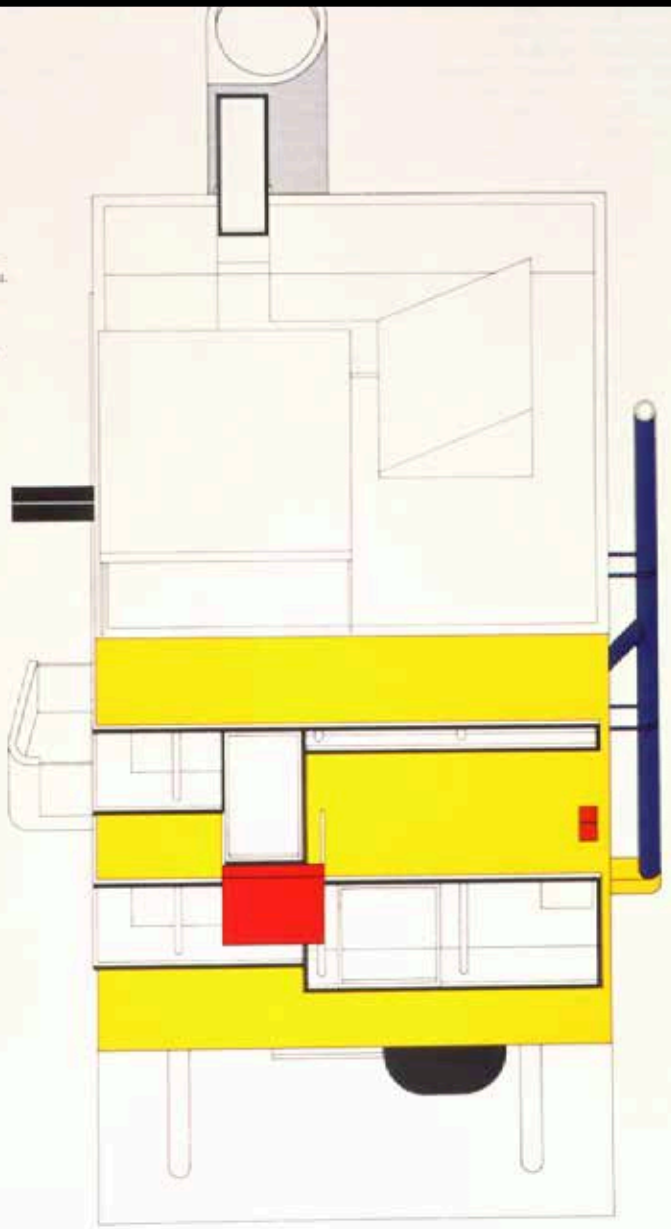




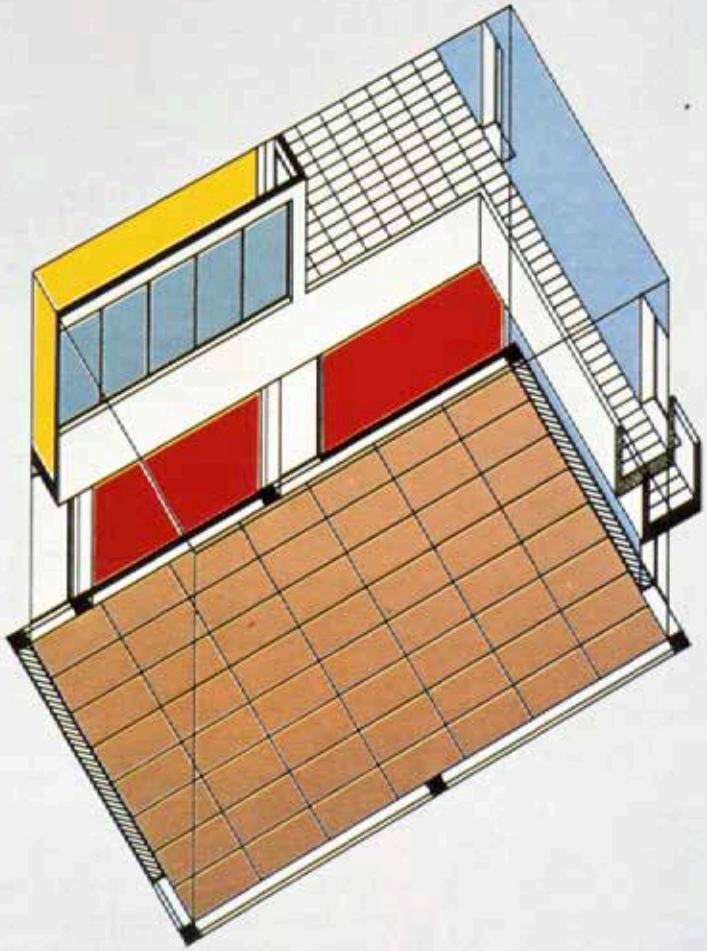
n House, 1968.
lor projection.

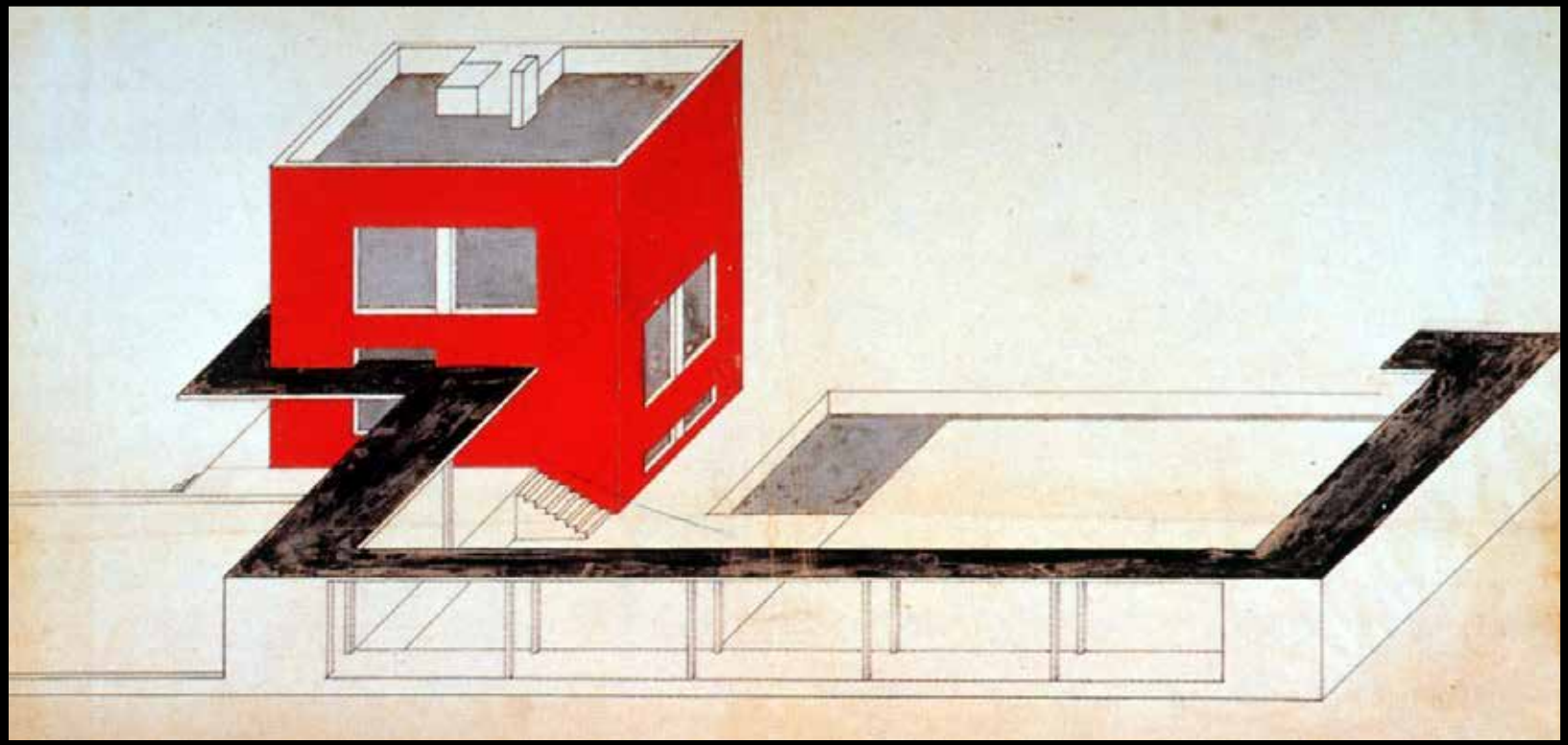
in Primärfarben –
chwarz, Weiß, Grau.

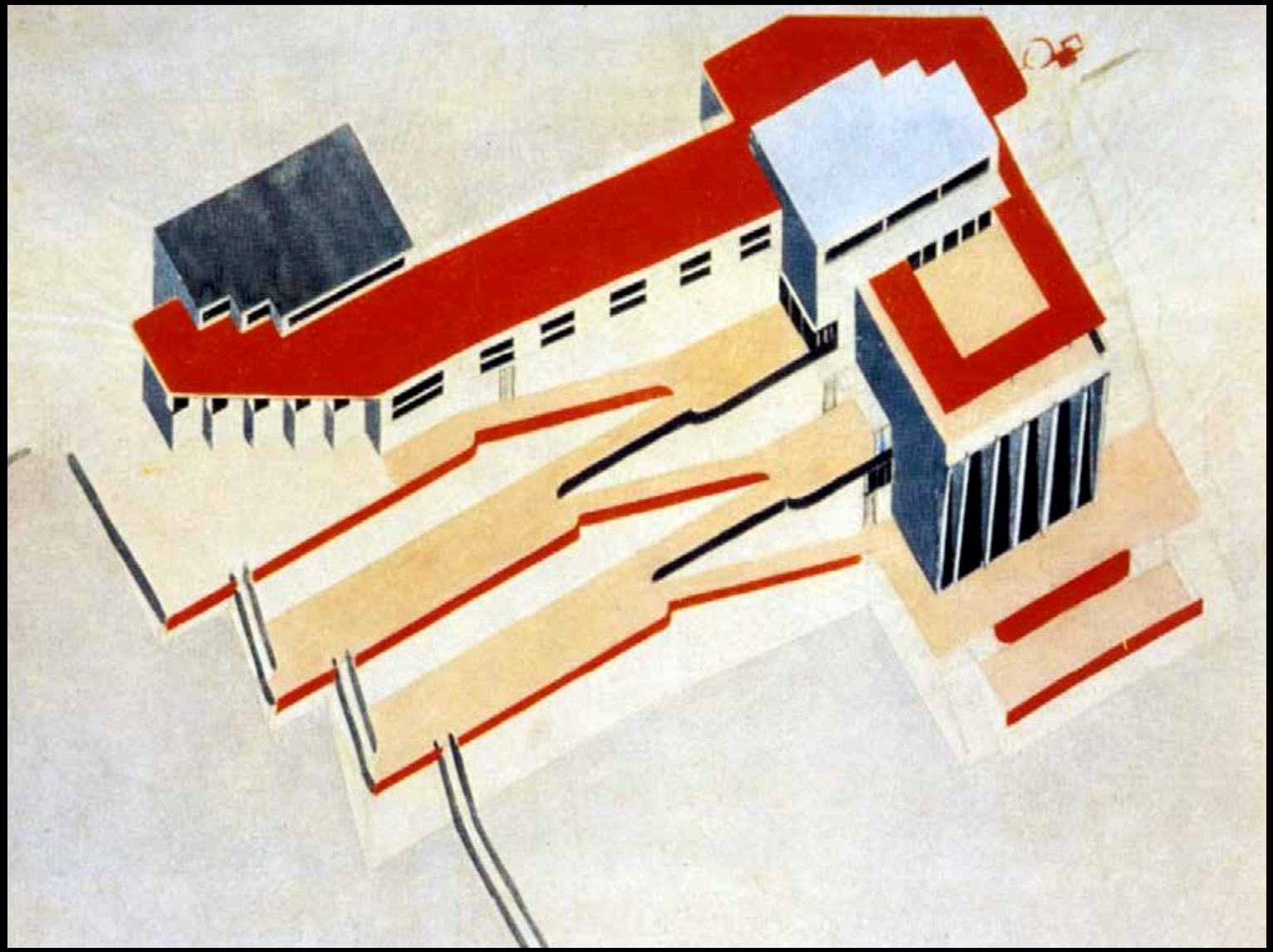
or primaries –
black, white, gray.

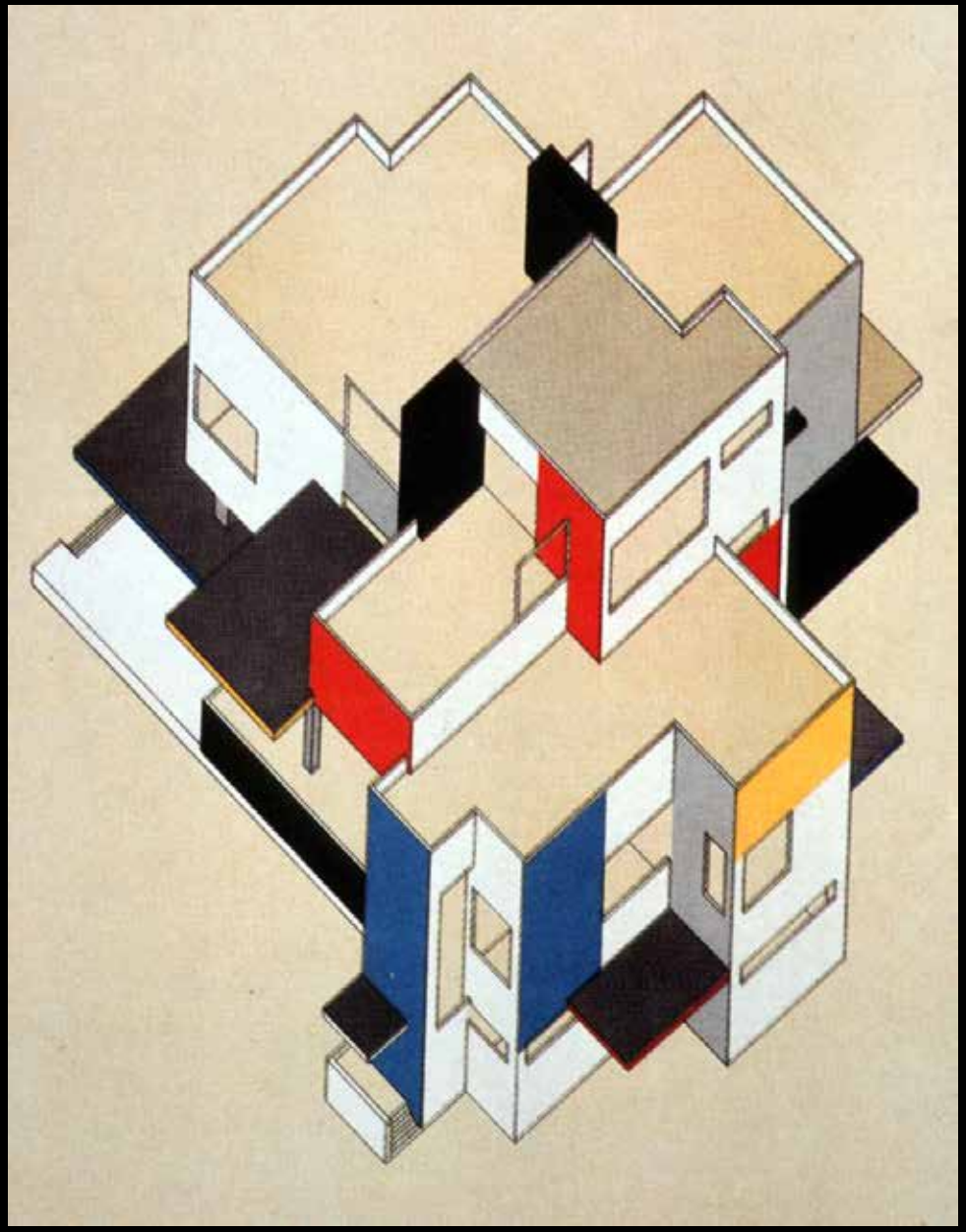


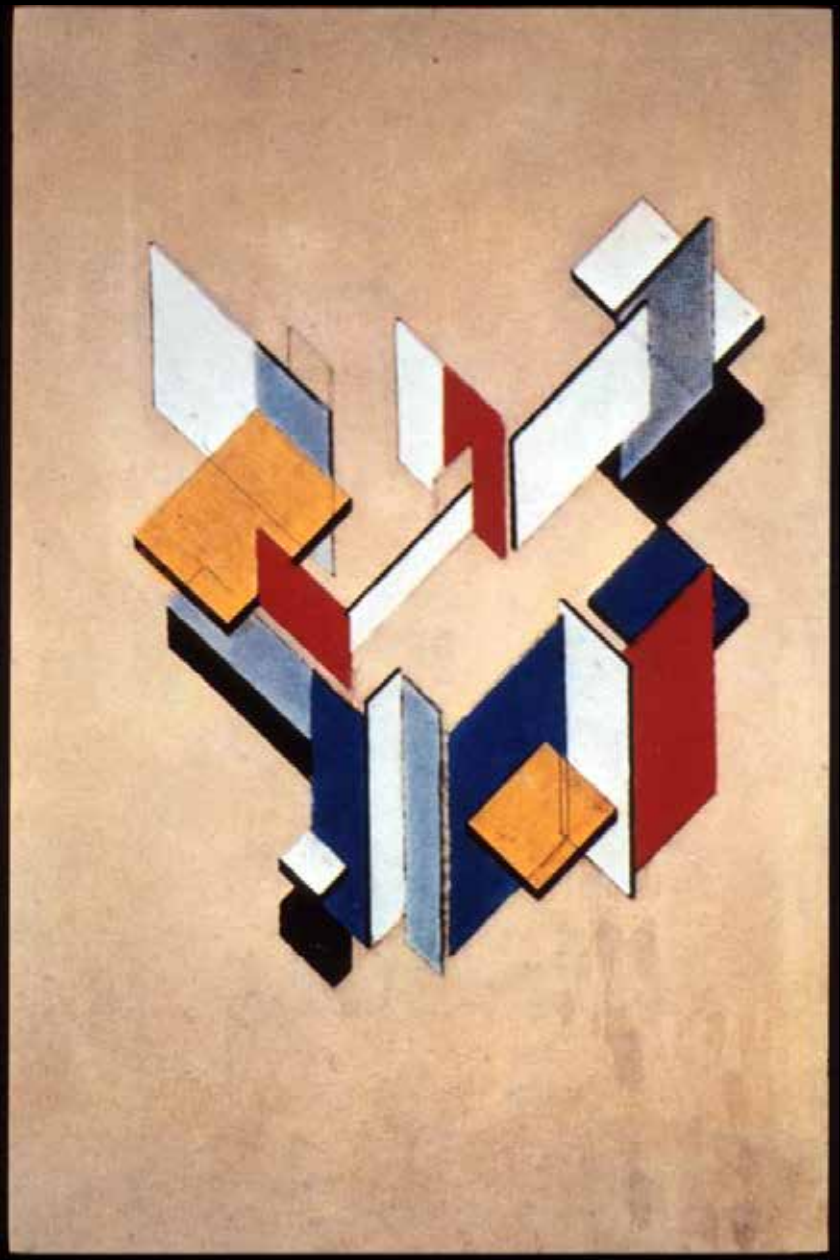
udio in the ideal house of
e architect in Florence, 1942.



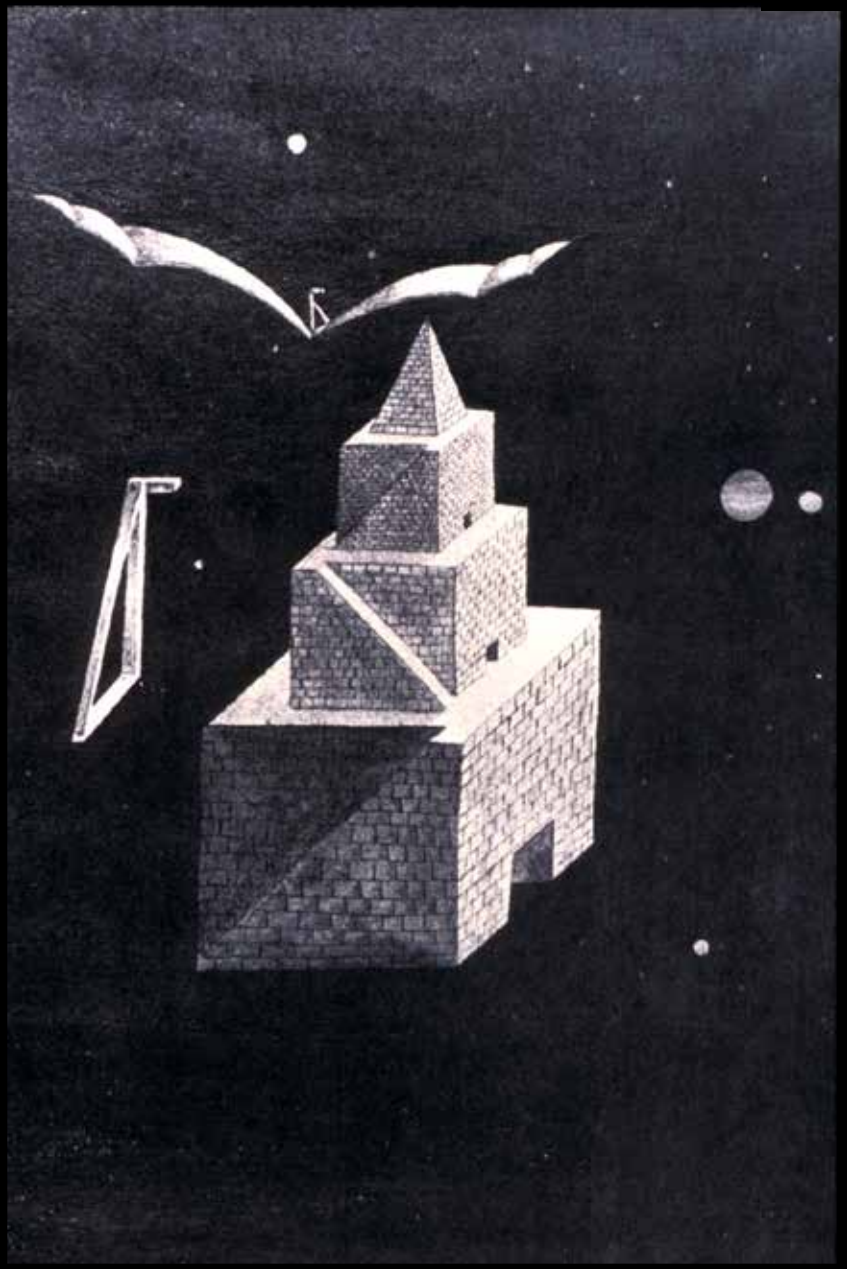


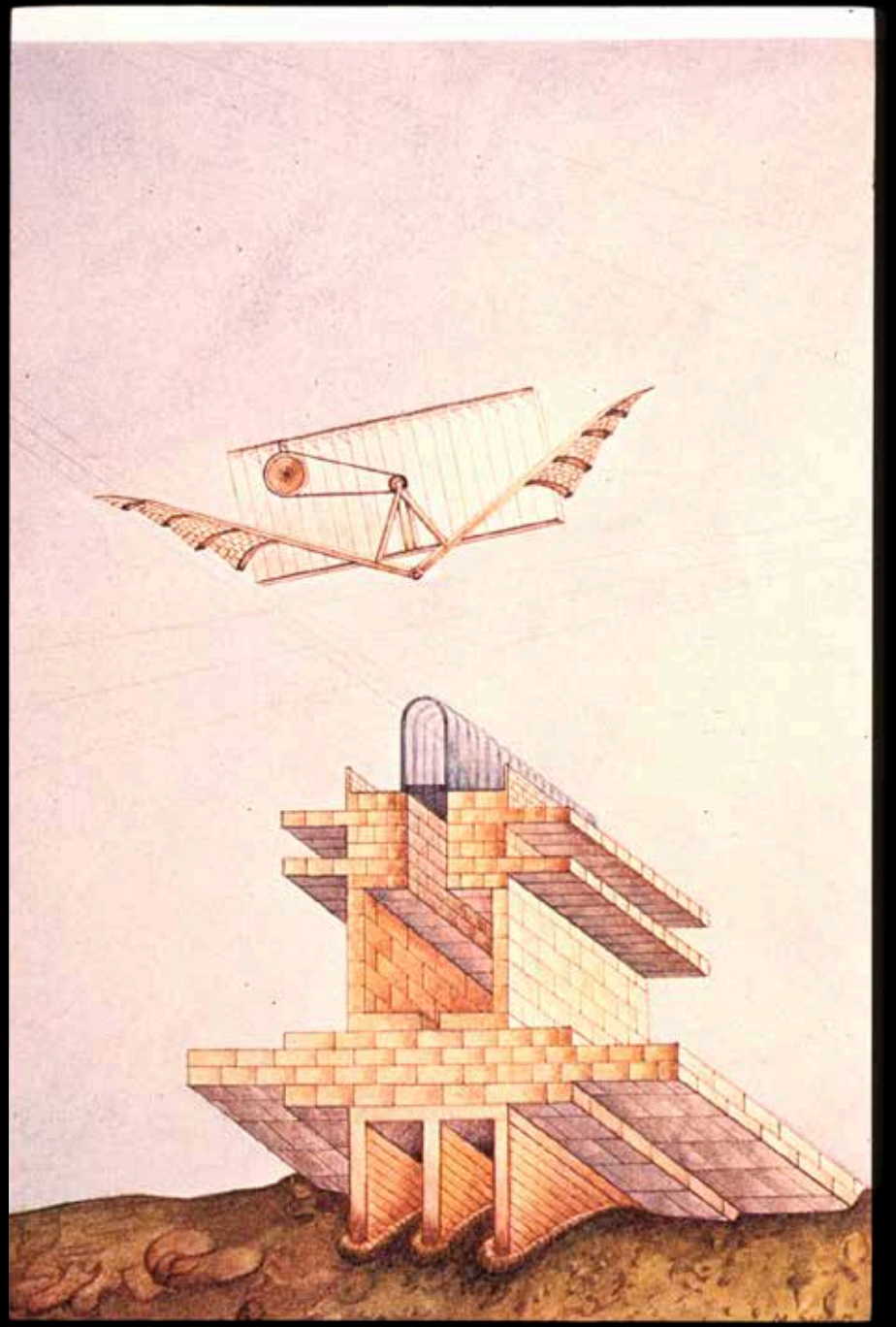




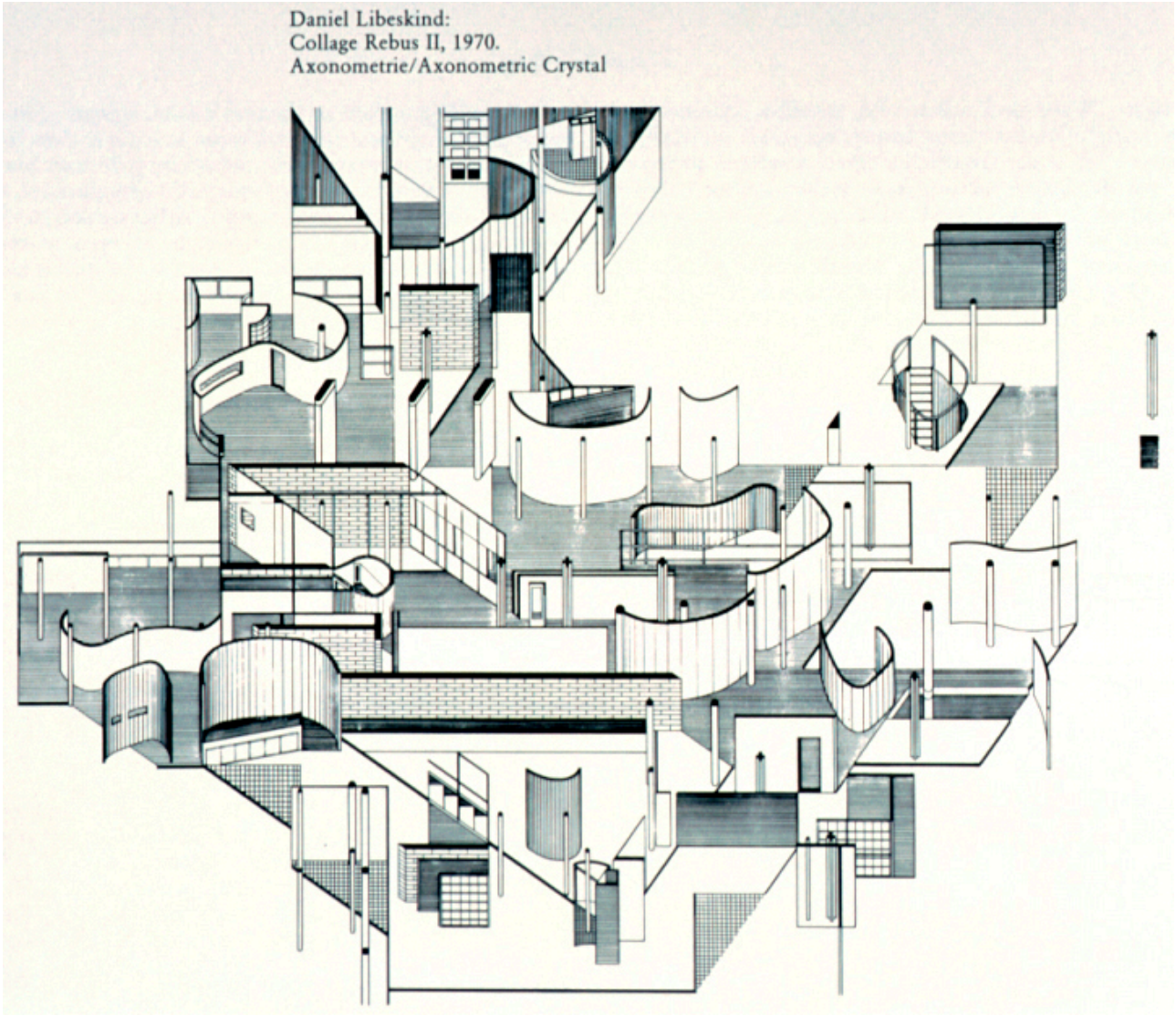


THEO VAN DOESBURG. DER STIJL.

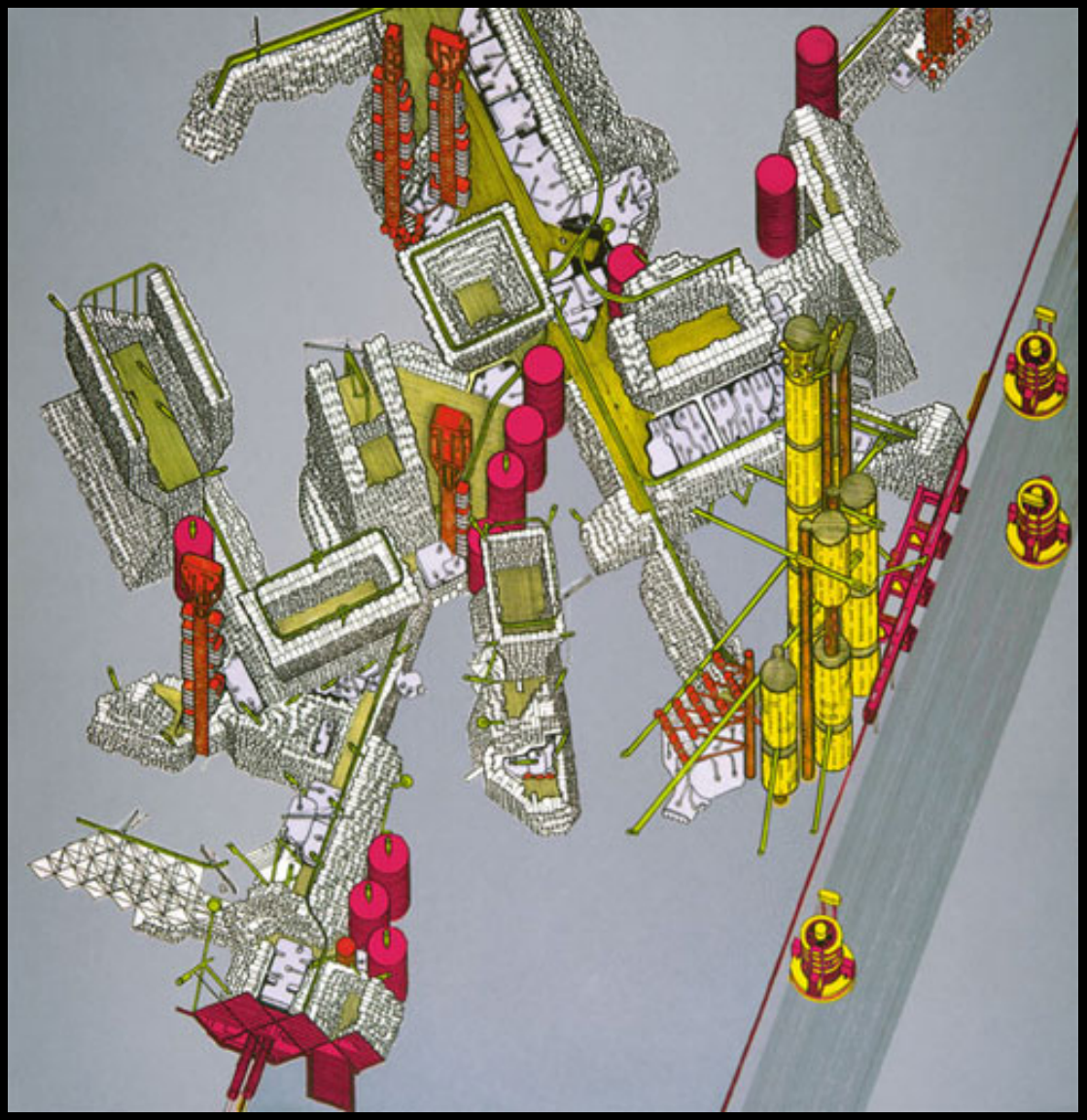




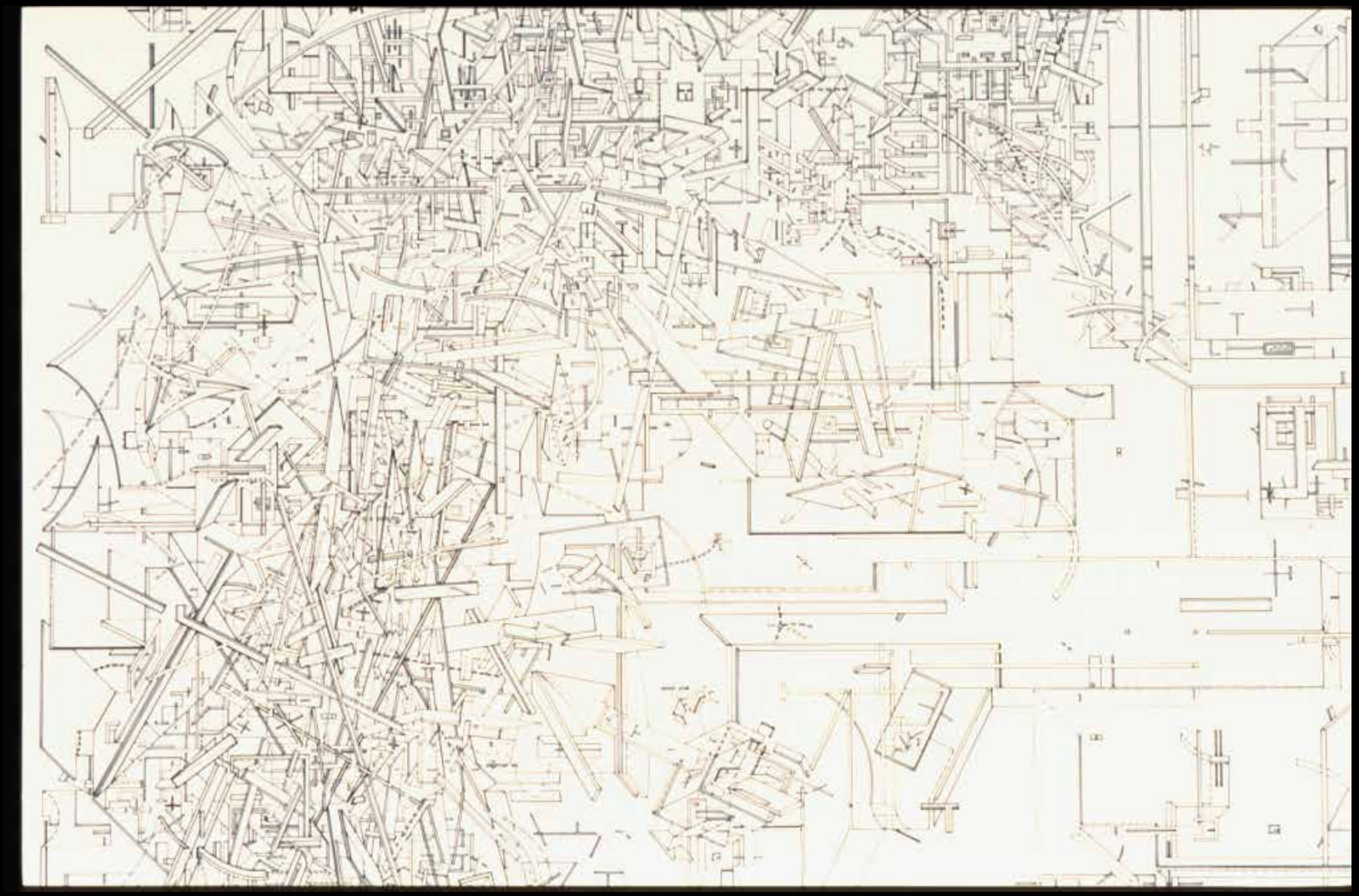
MASSIMO SCOLARI


Daniel Libeskind:
Collage Rebus II, 1970.
Axonometrie/Axonometric Crystal

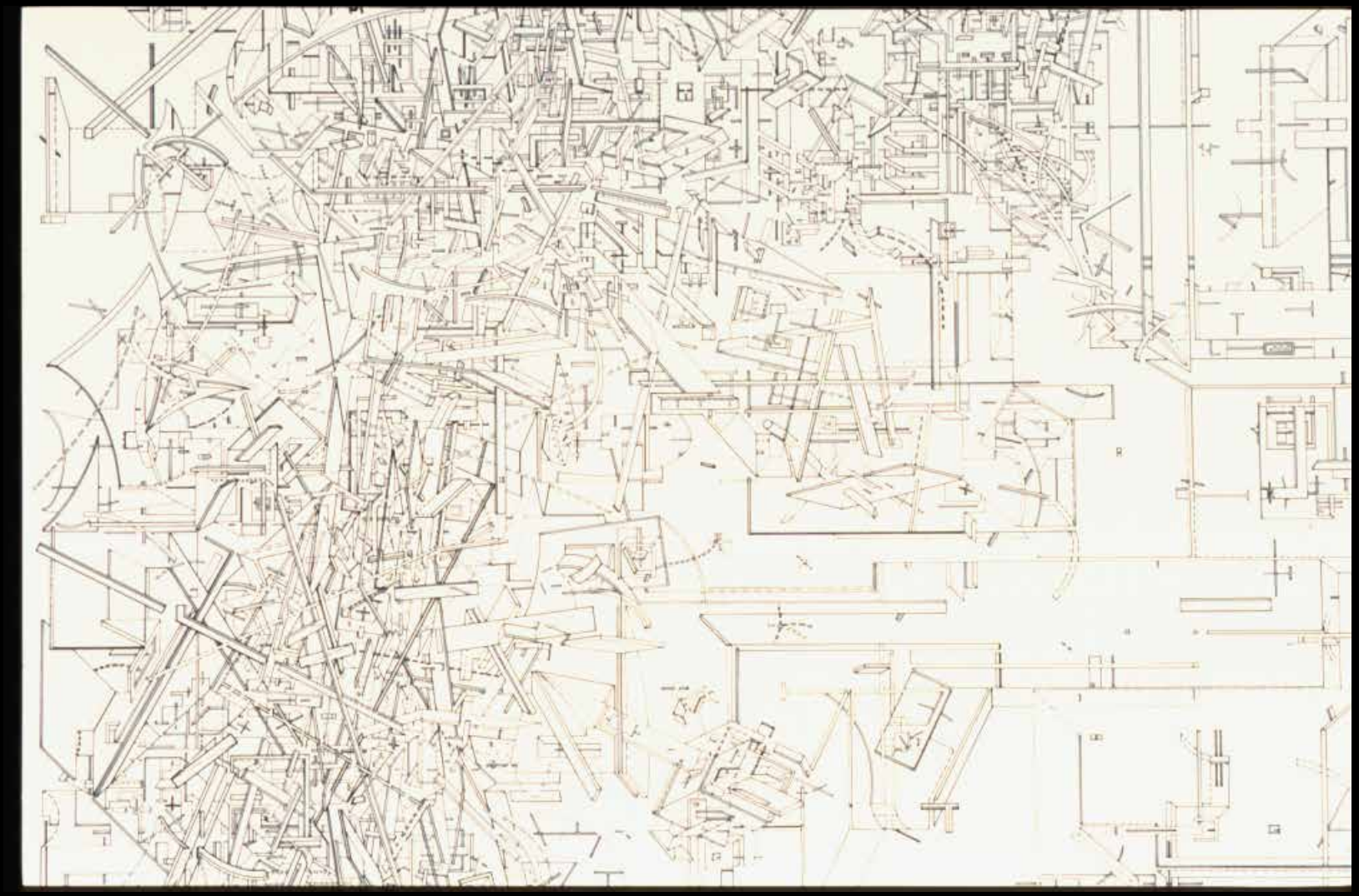
DANIEL LIBESKIND



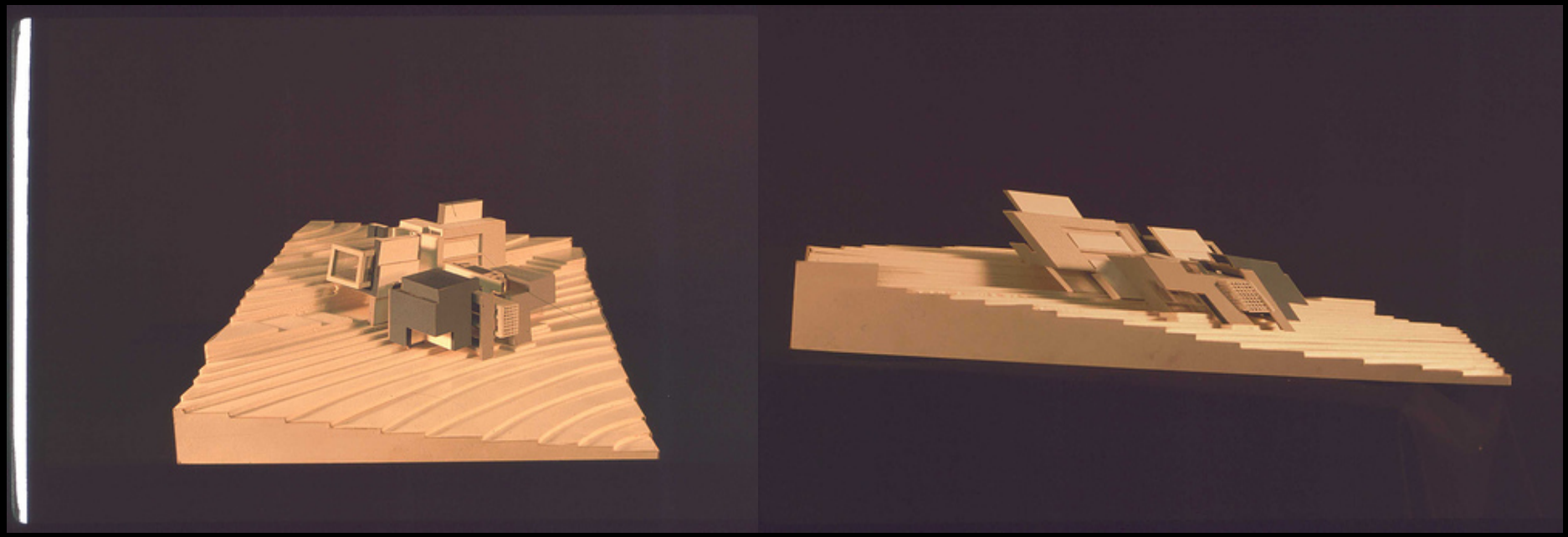
ARCHIGRAM



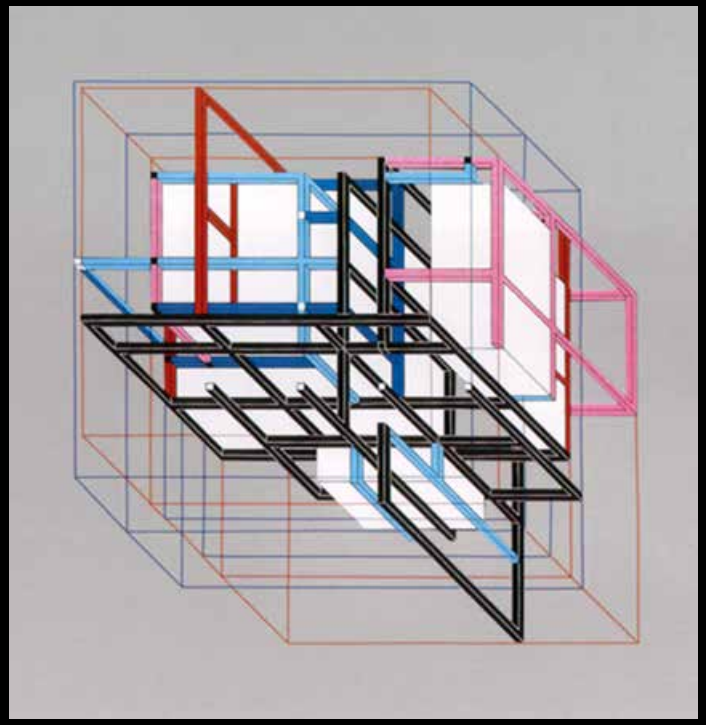
BERNARD TSCHUMI

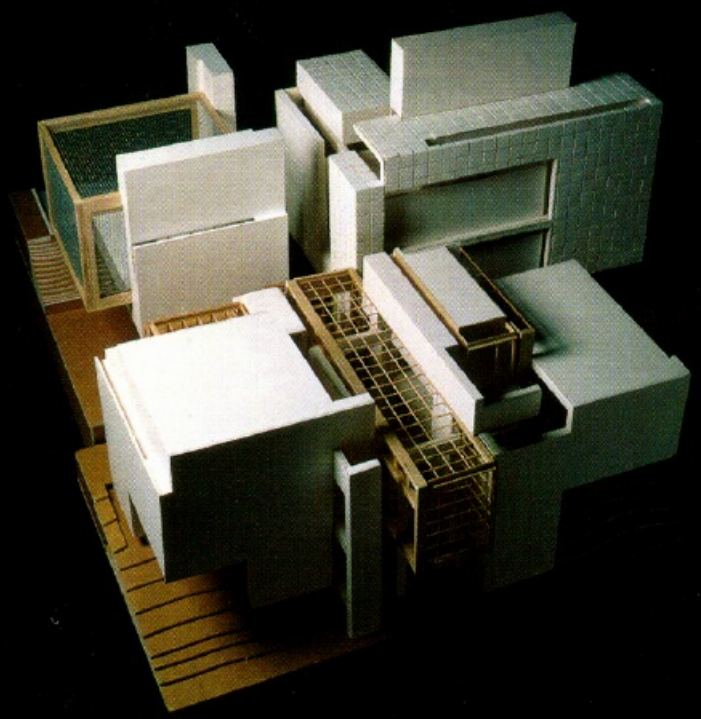


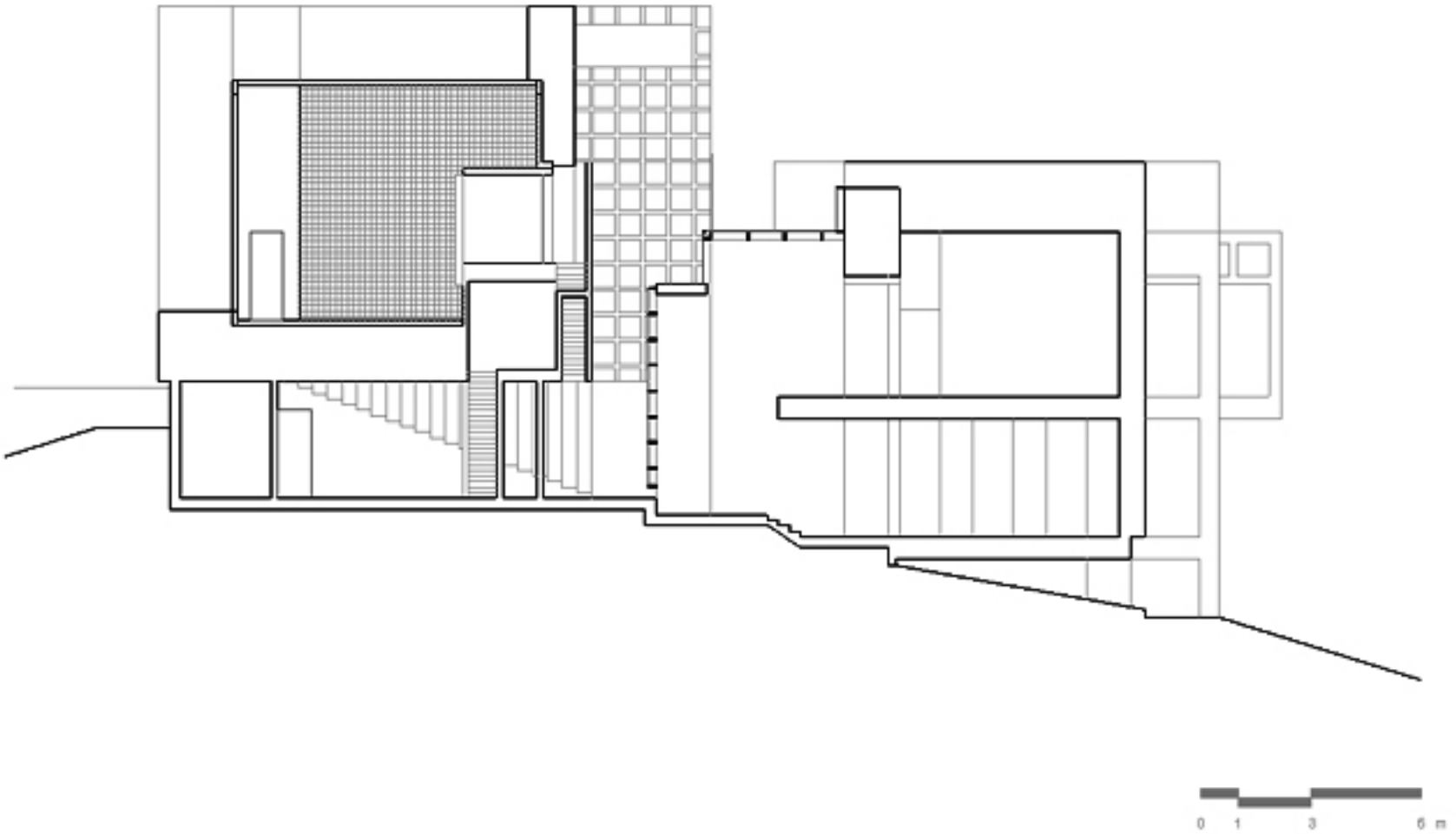
MICROMEGAS.



EISENMAN. HOUSE X.



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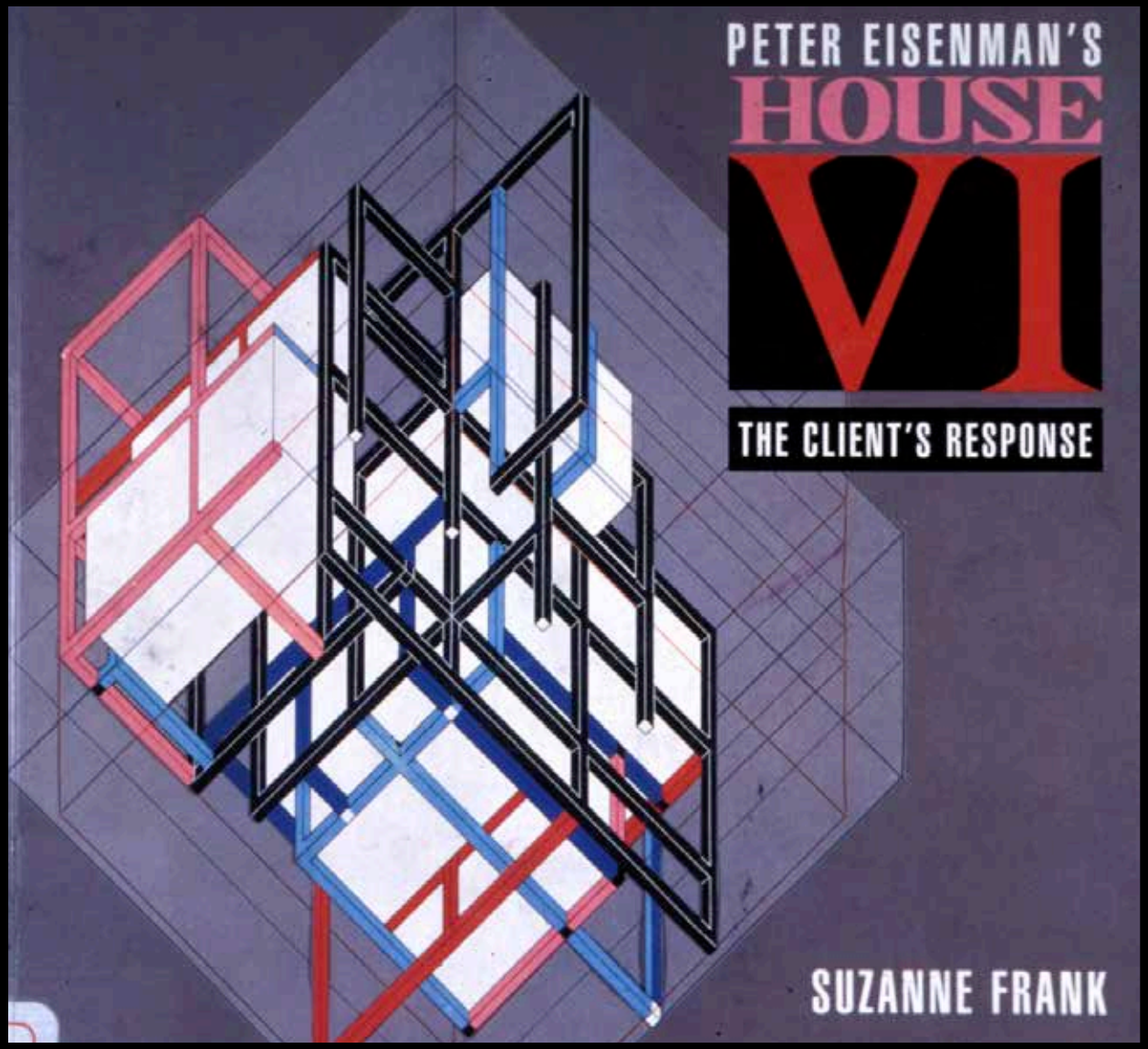
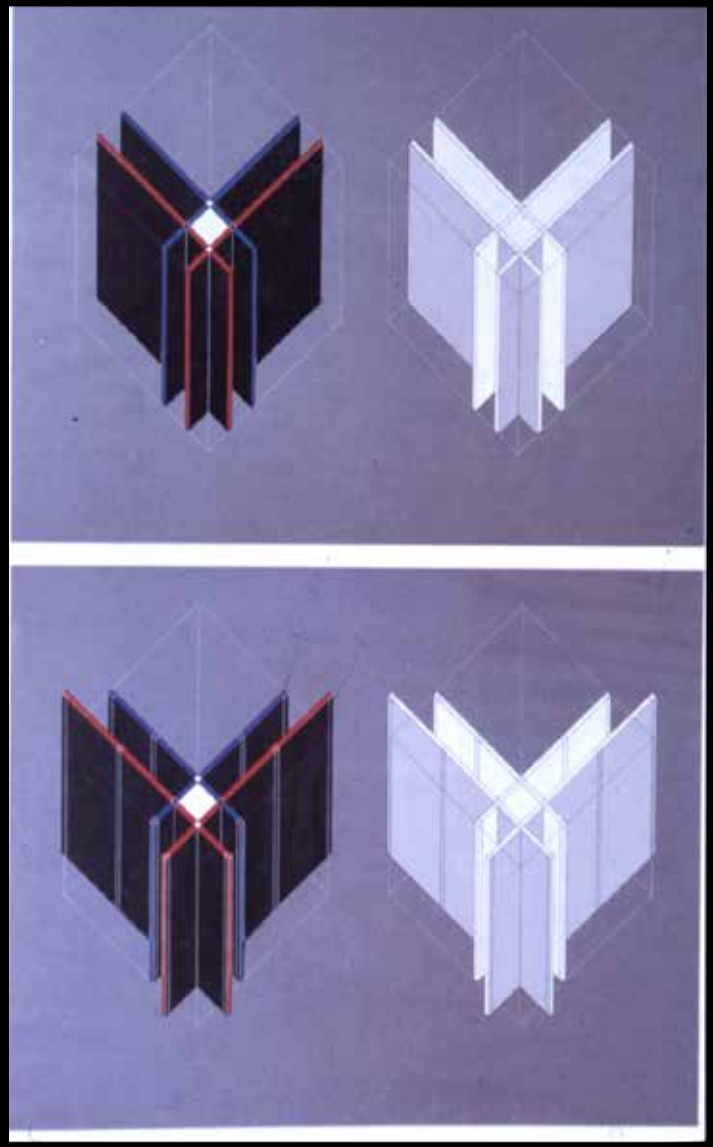
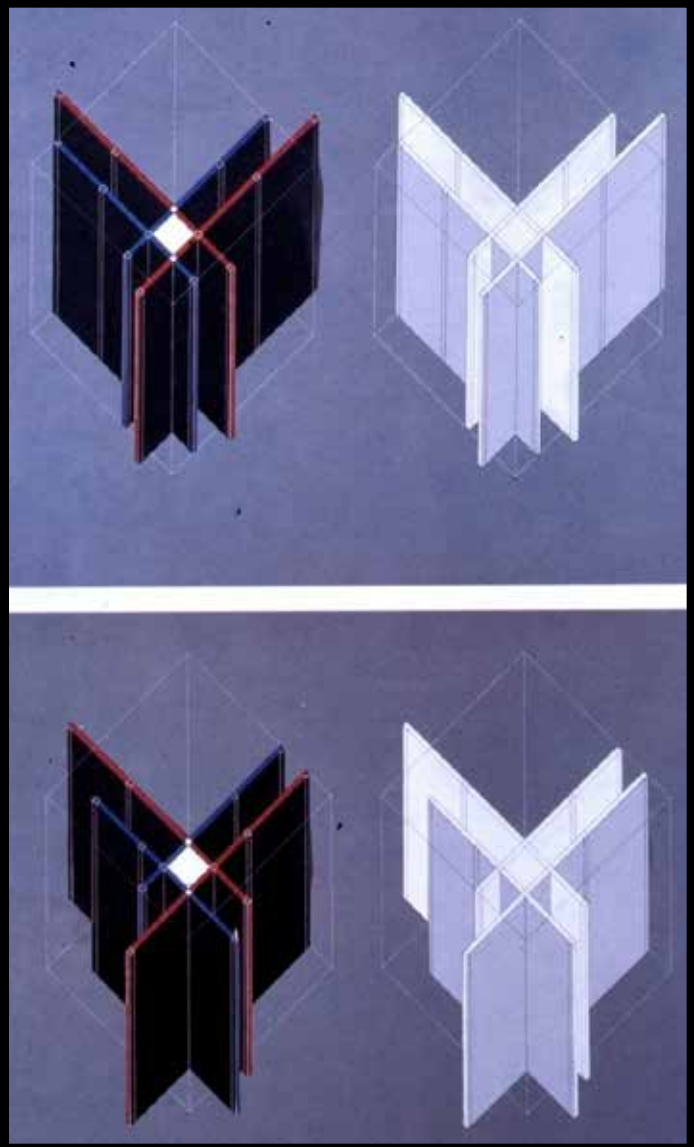
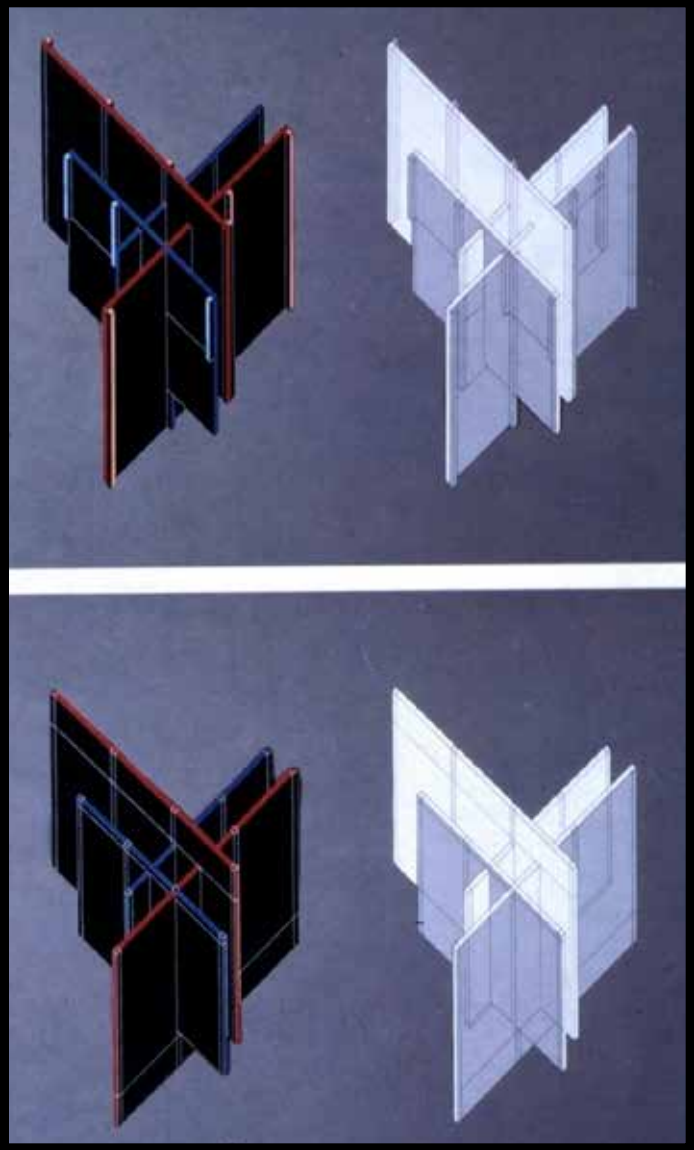
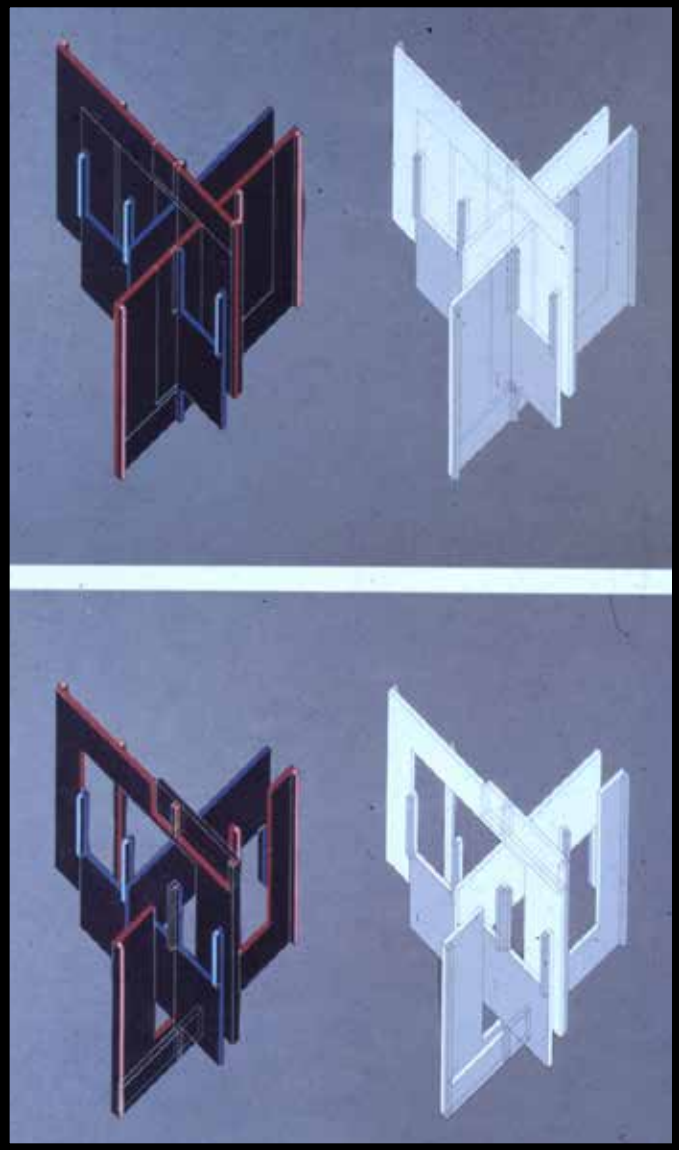
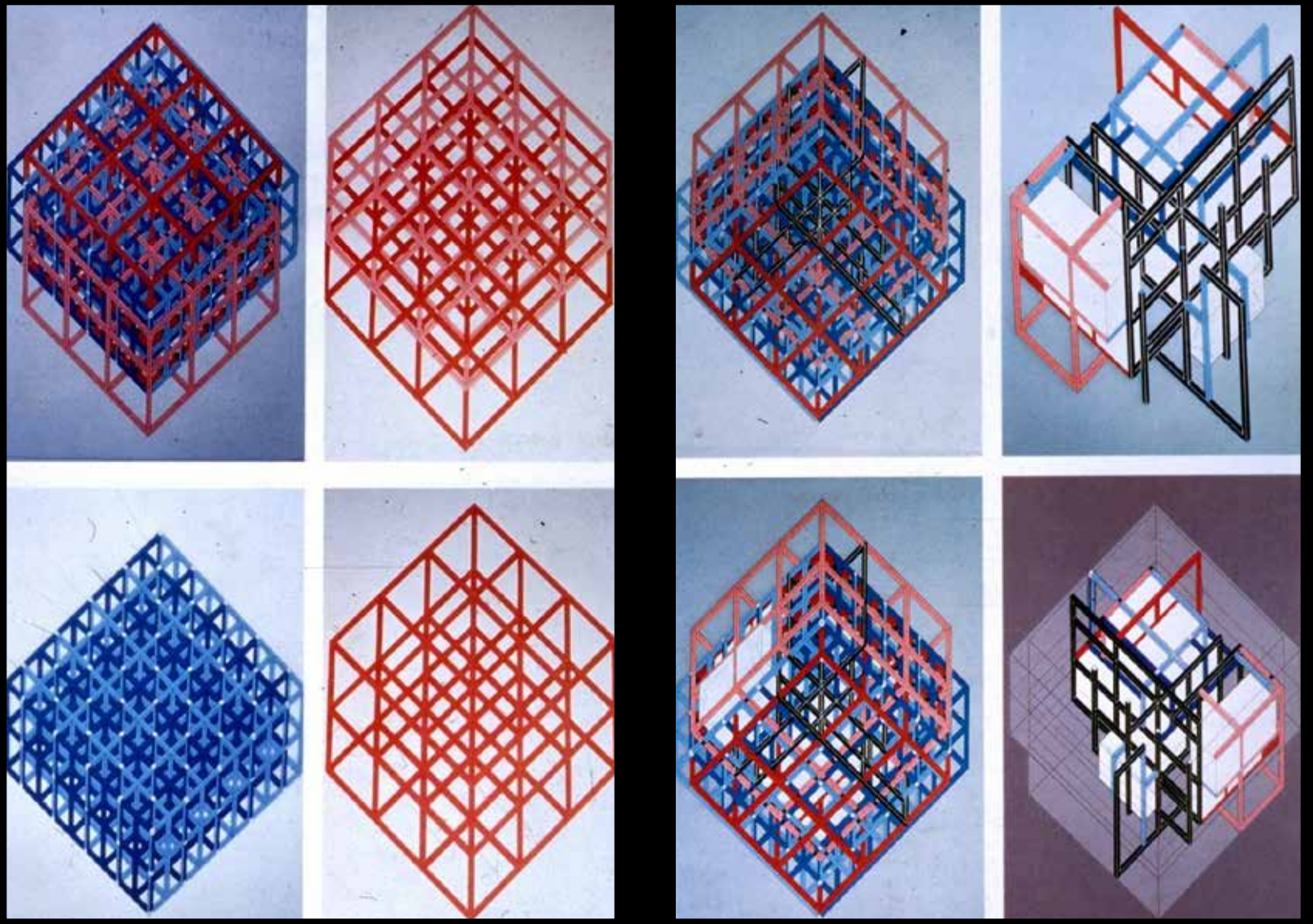

PETER EISENMAN'S
HOUSE
VI
THE CLIENT'S RESPONSE
SUZANNE FRANK

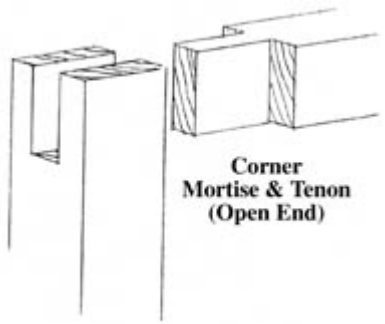


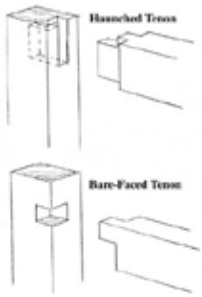


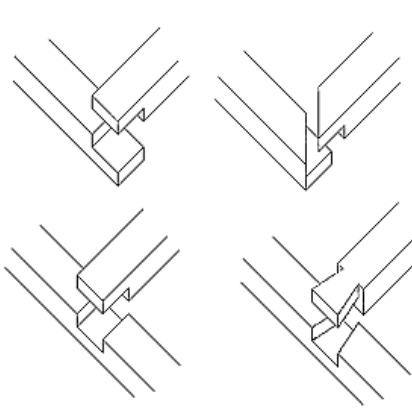


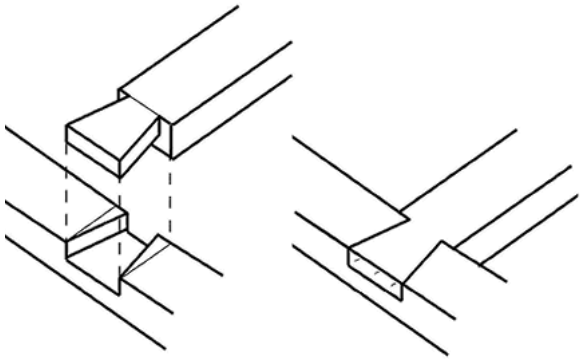


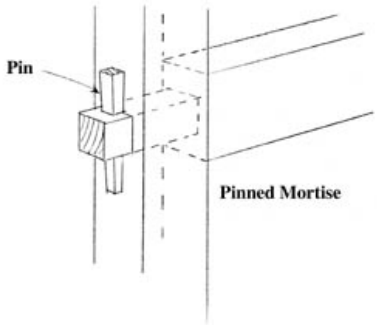


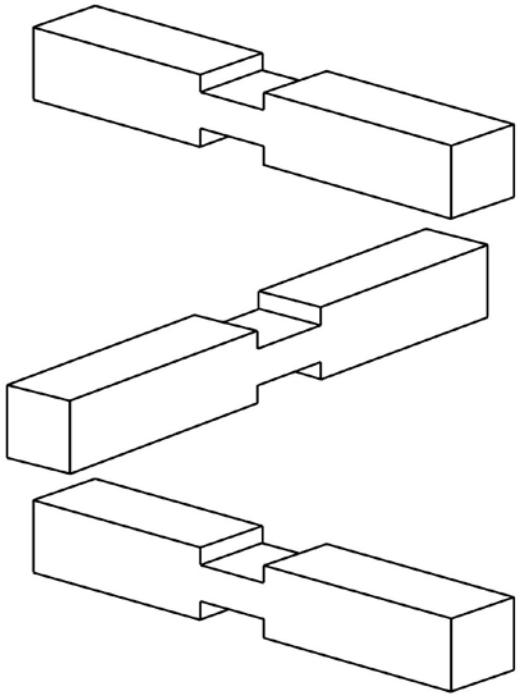


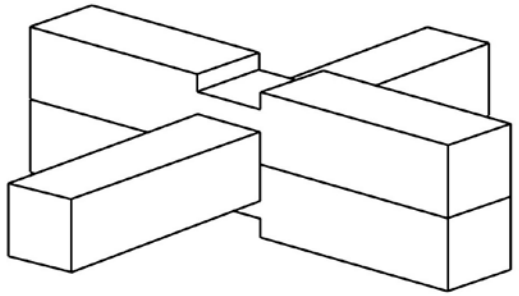






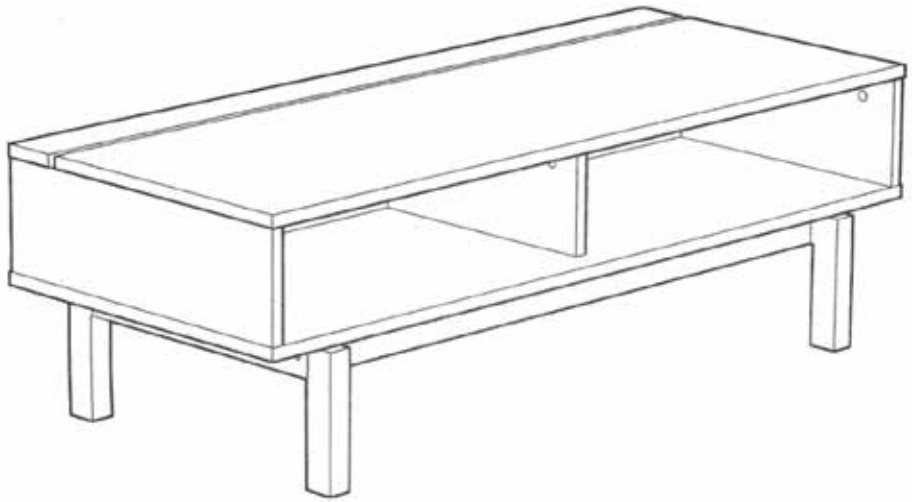






TIMBER JOINTS

LIDEN



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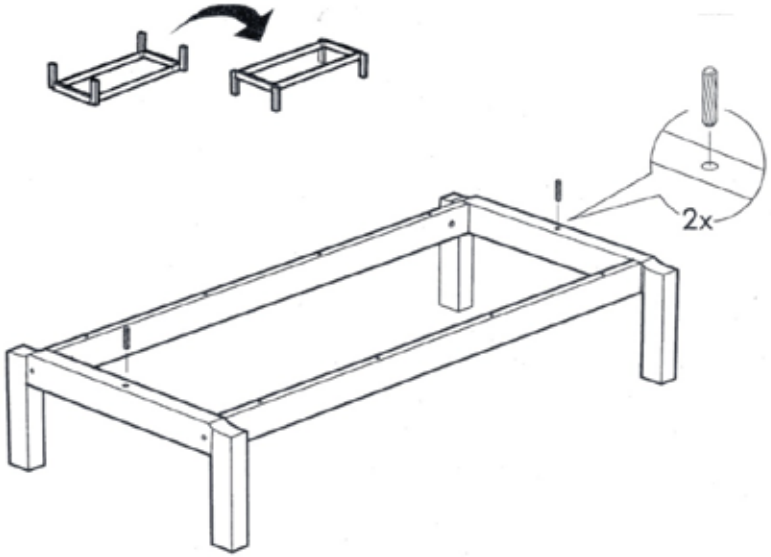
15



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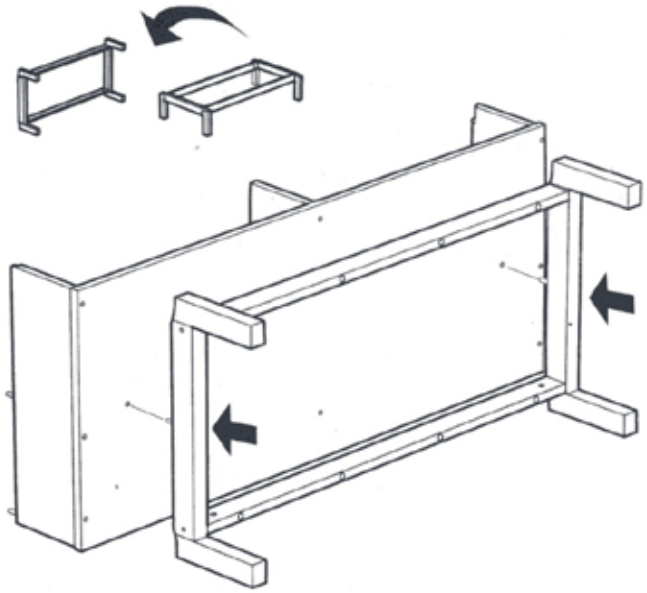

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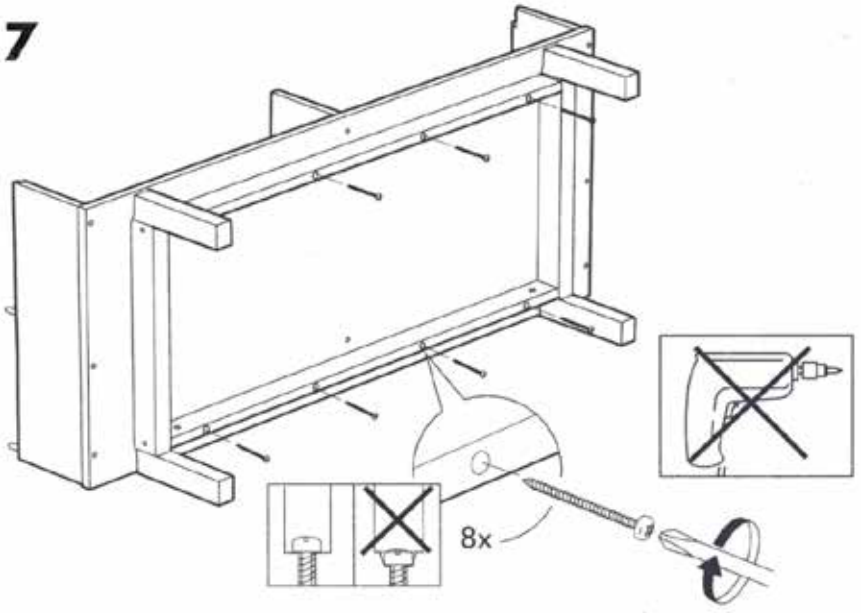

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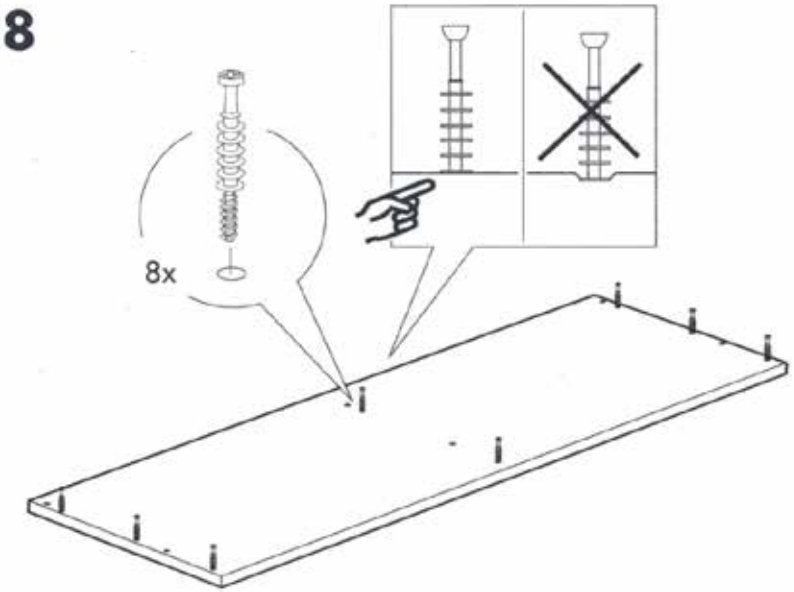

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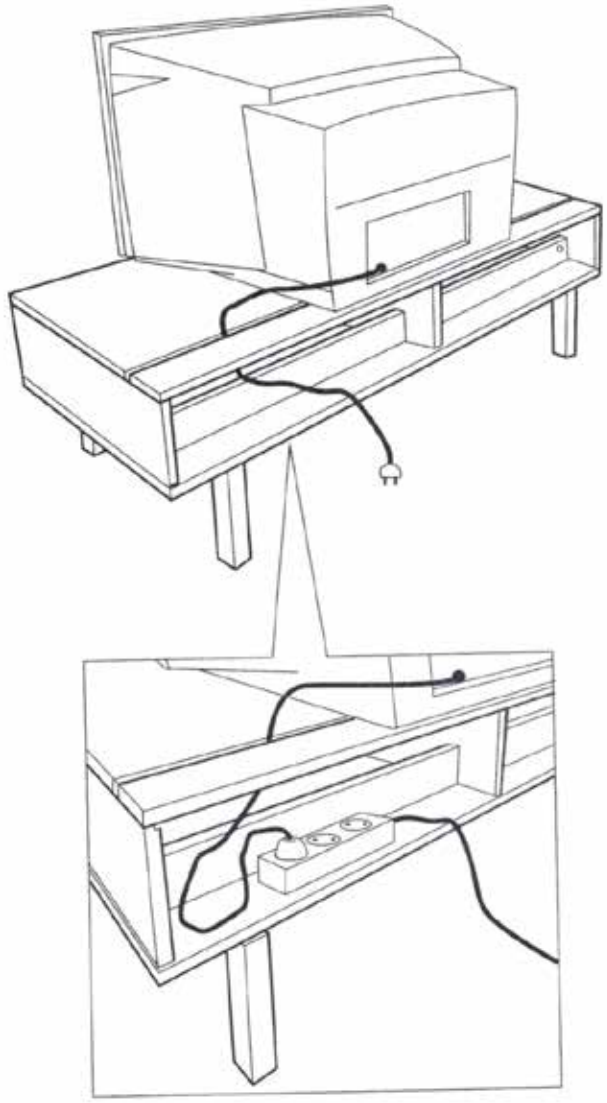

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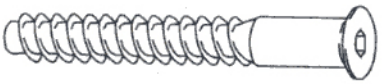

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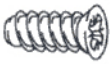

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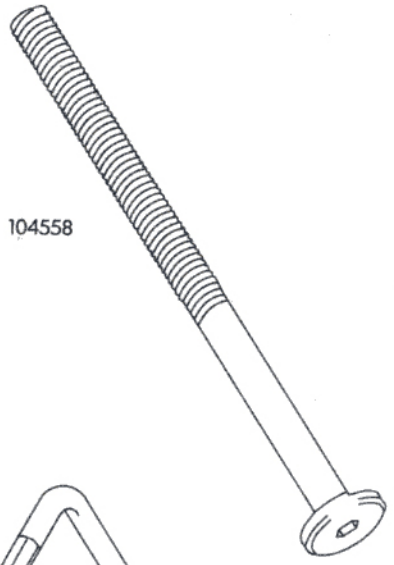

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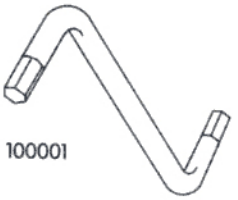

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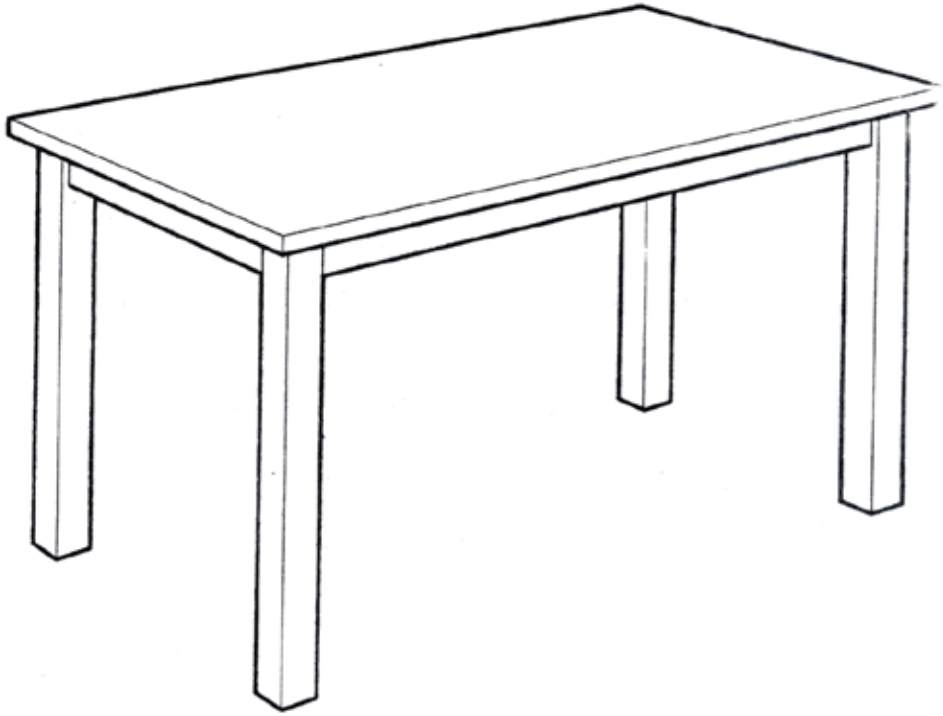

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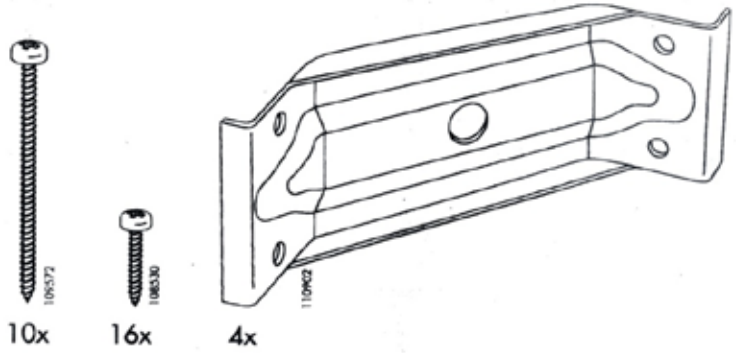

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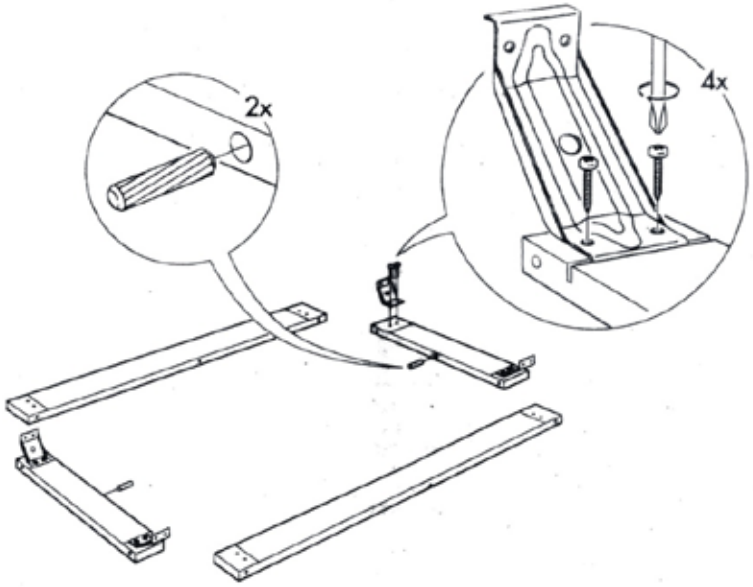

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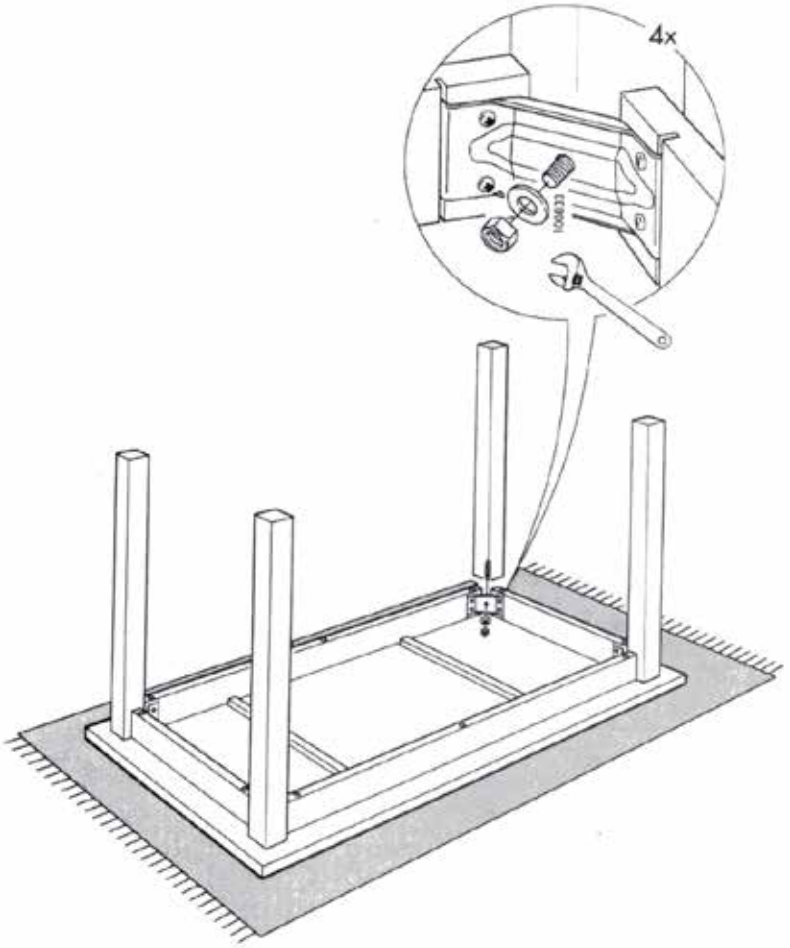
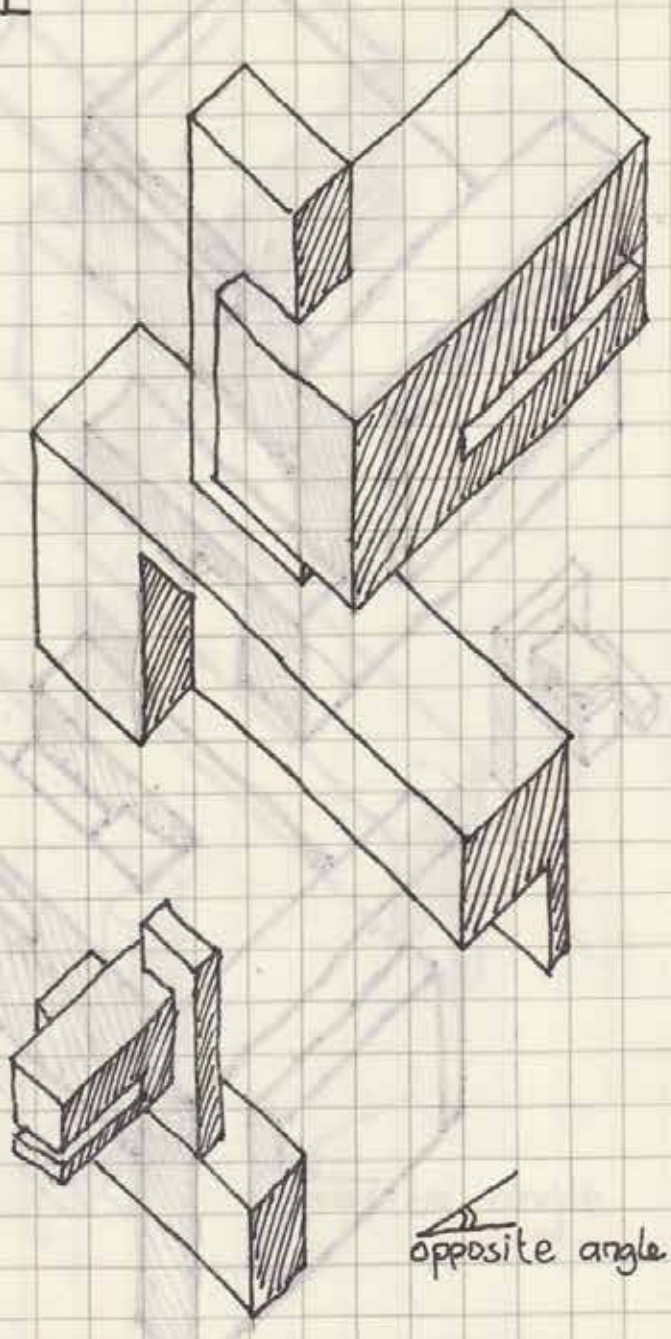


STUDENT WORK

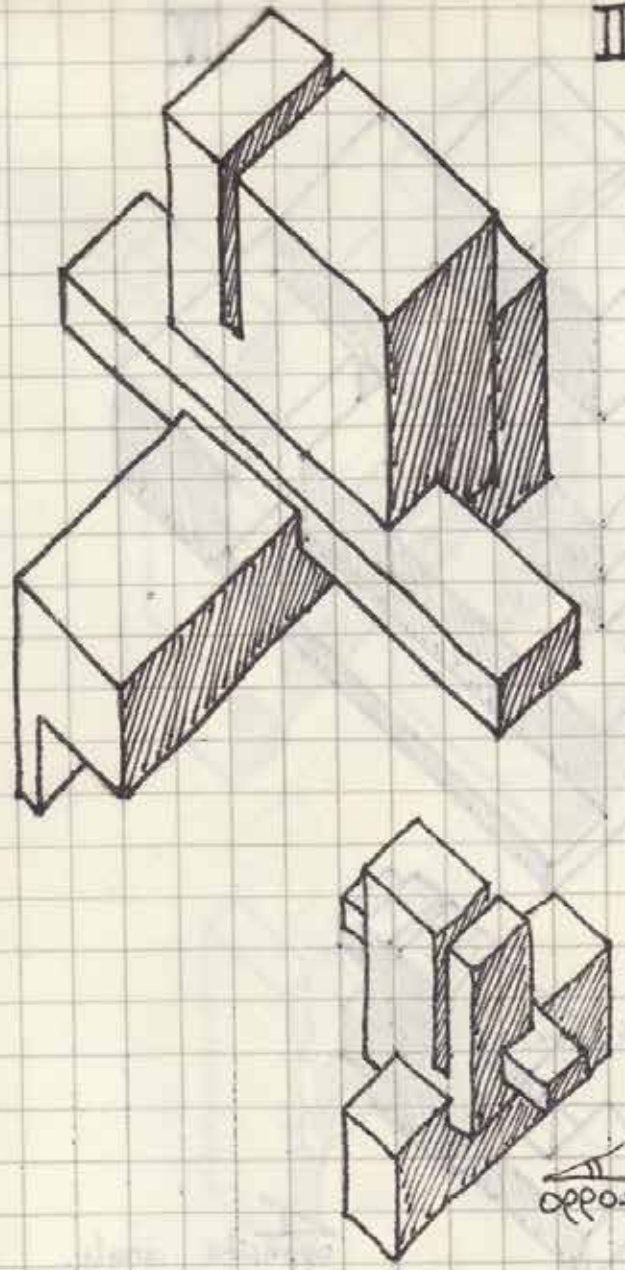
AXONOMETRIC DRAWING

II



opposite angle.

III



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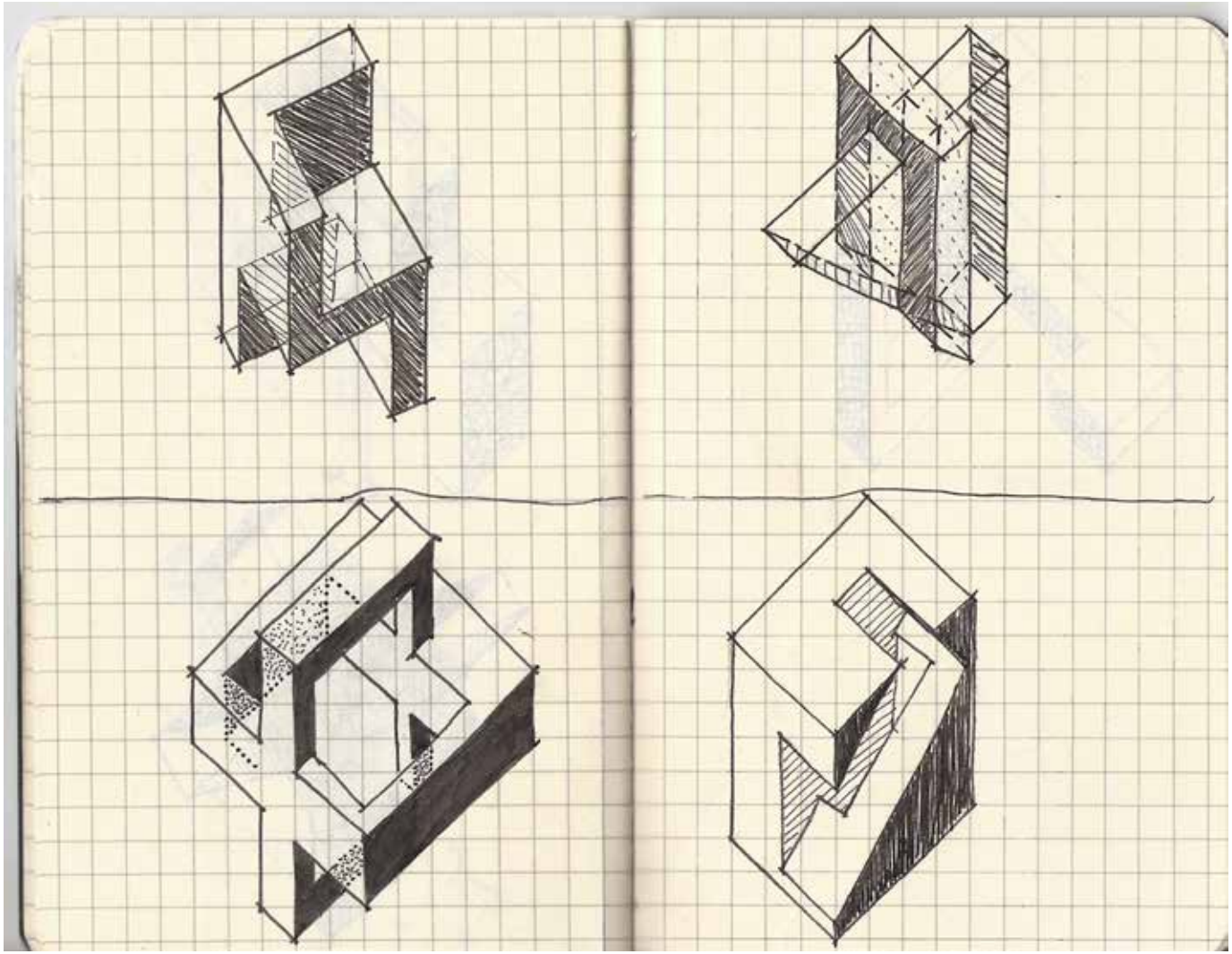
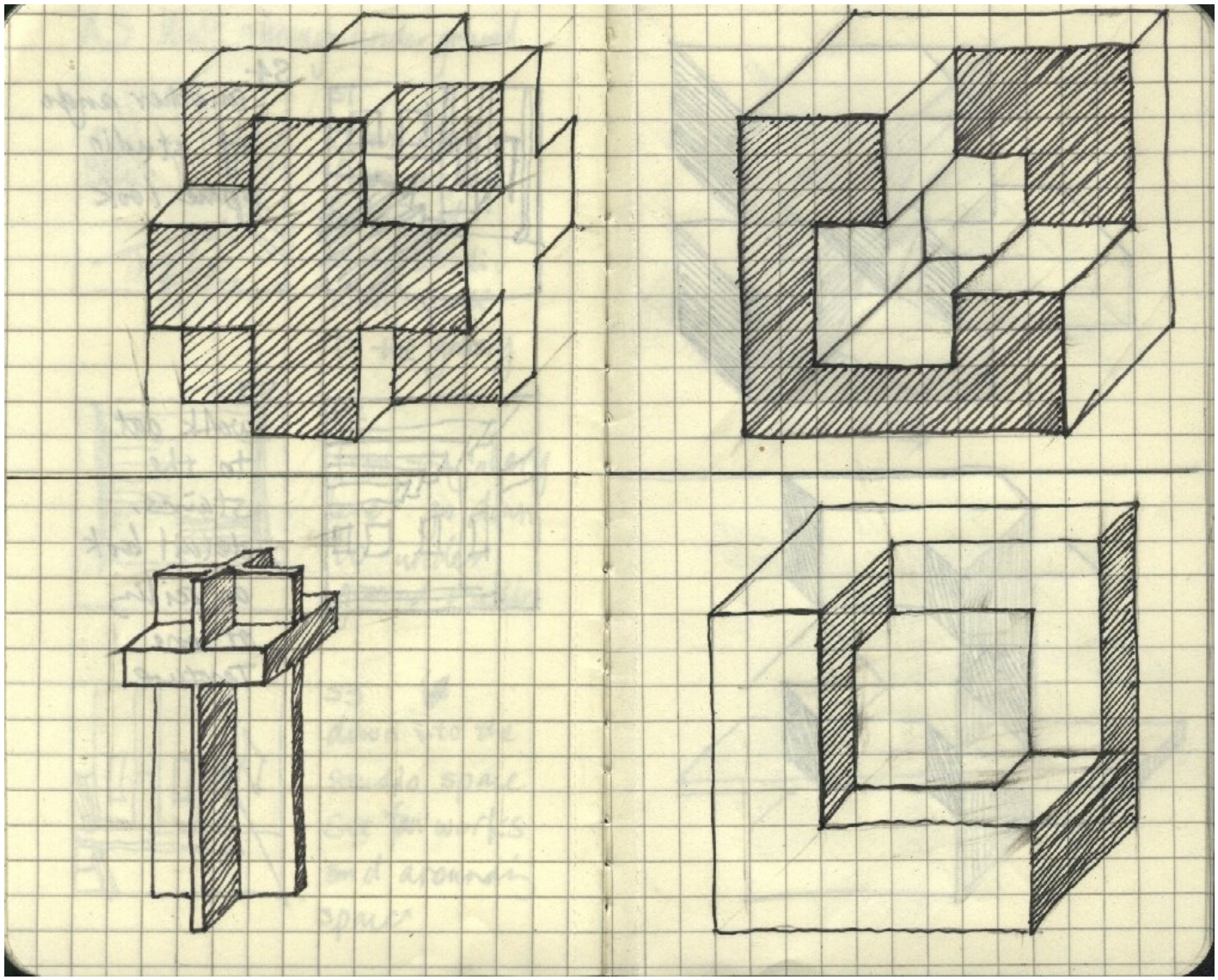
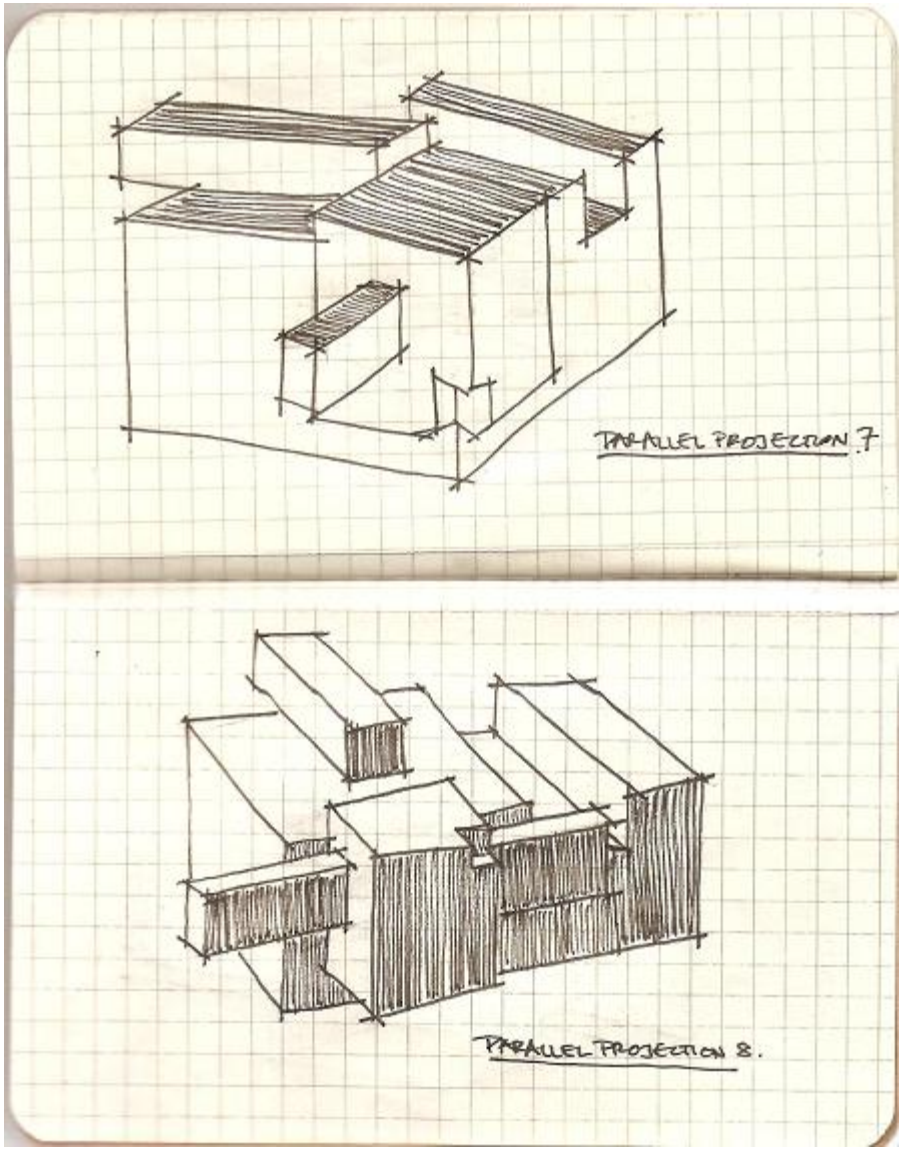
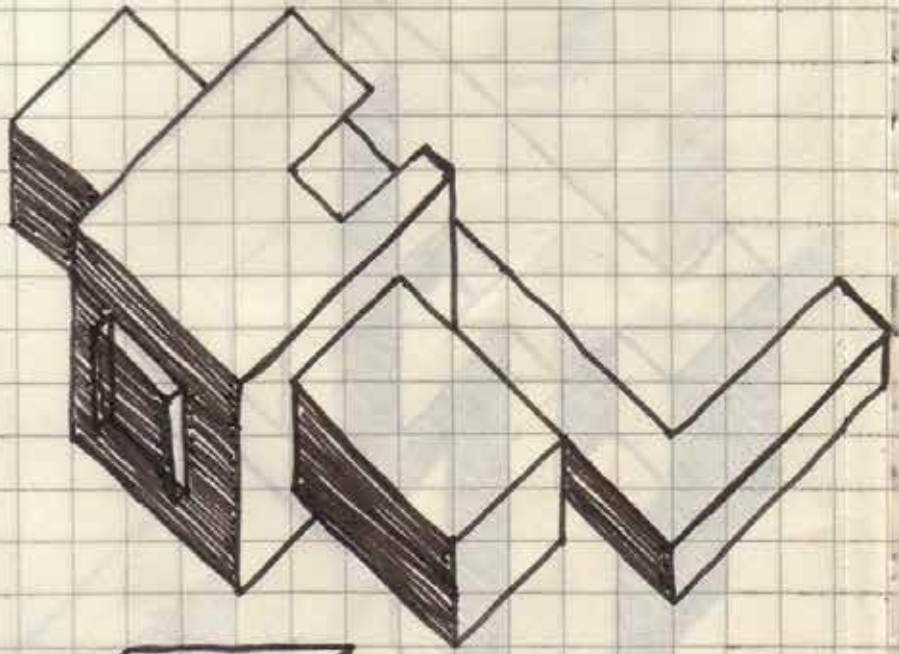
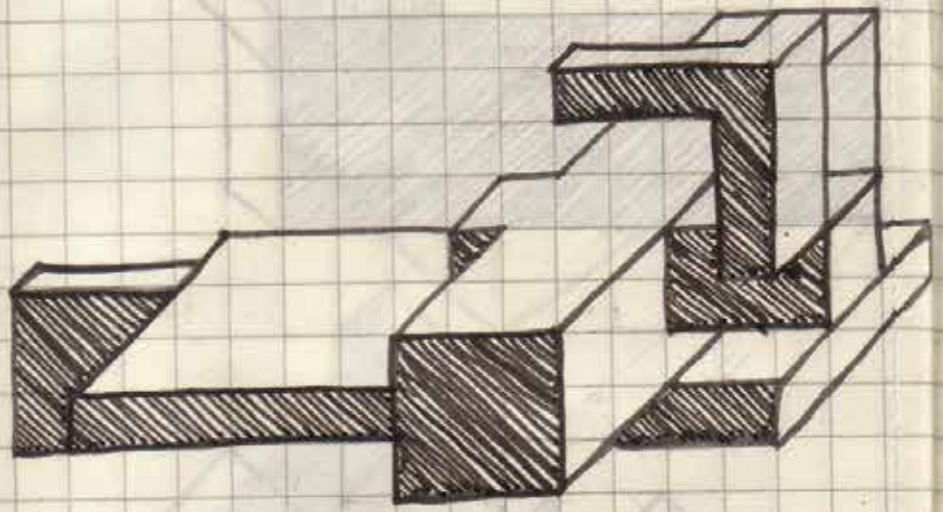
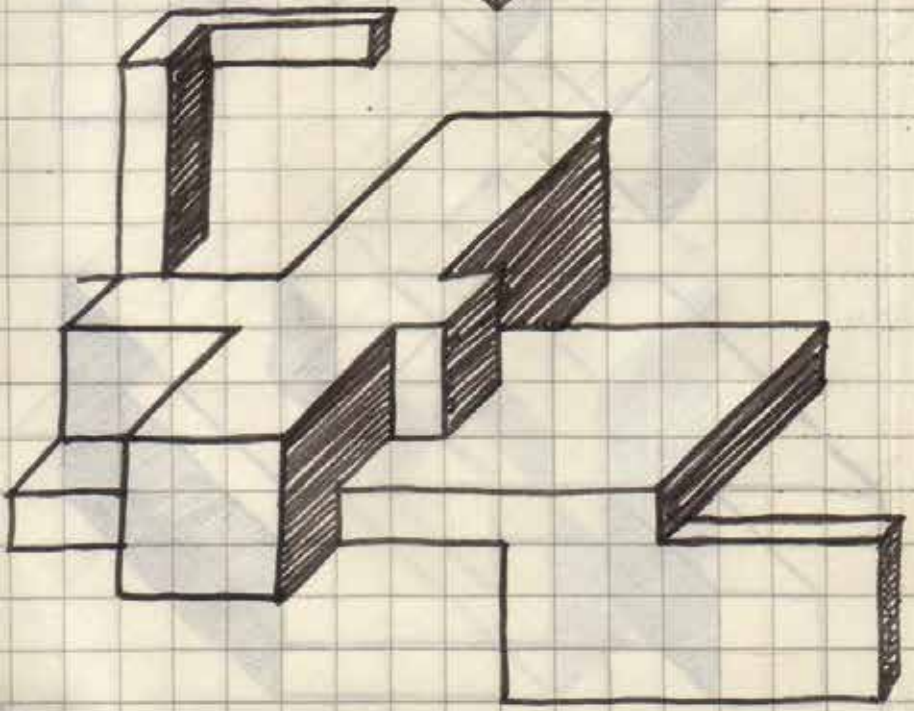


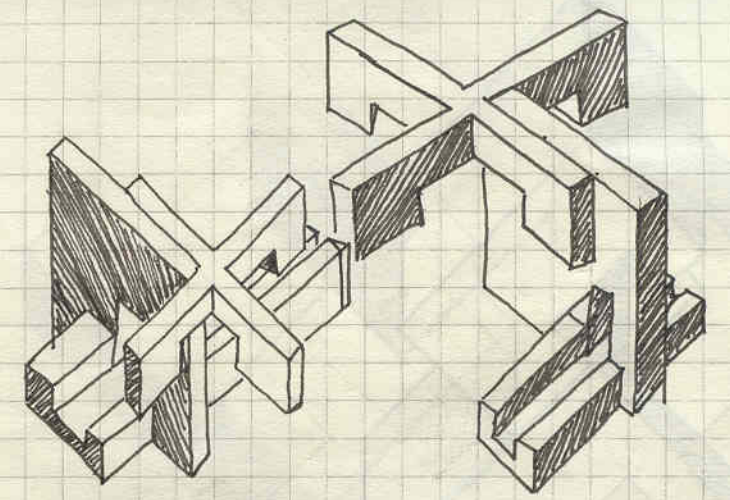



PARALLEL PROJECTION 7
PARALLEL PROJECTION 8.

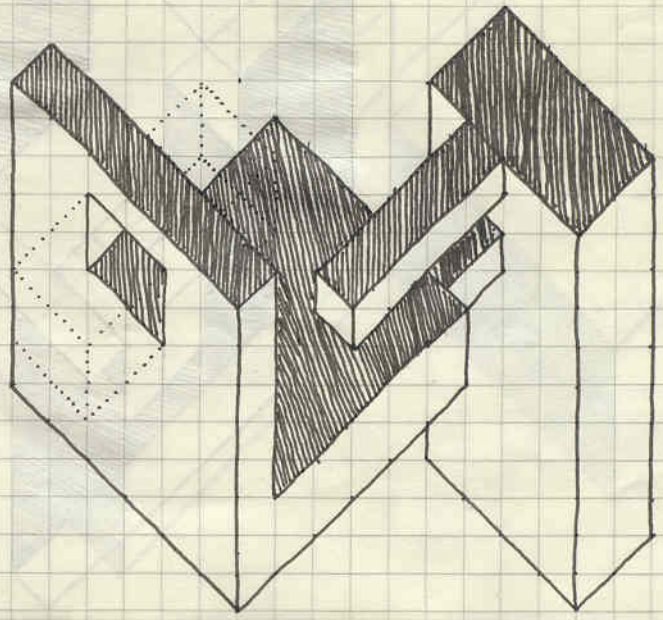


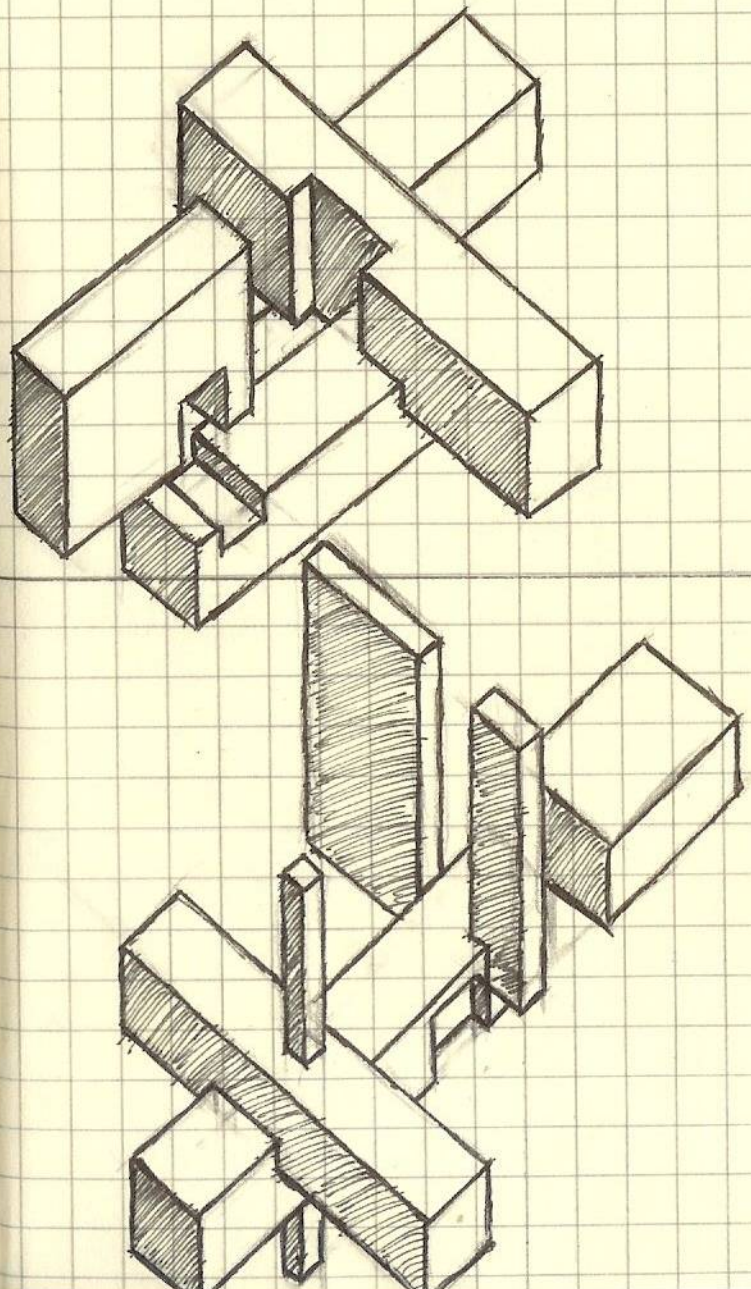


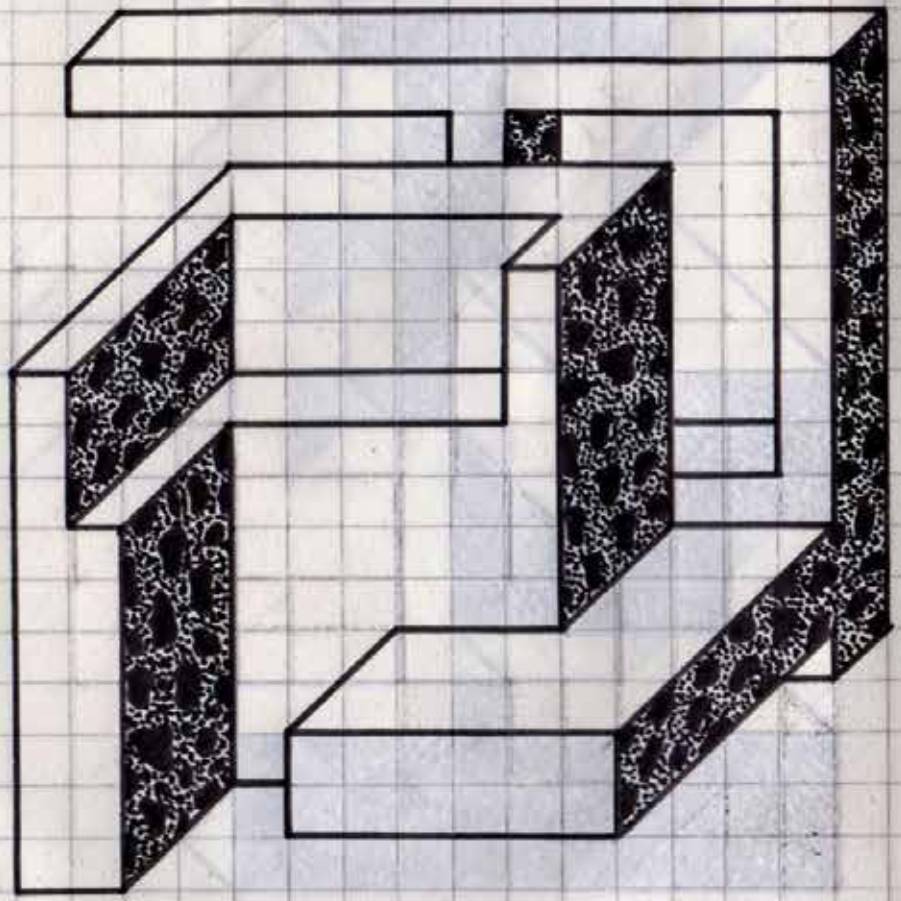


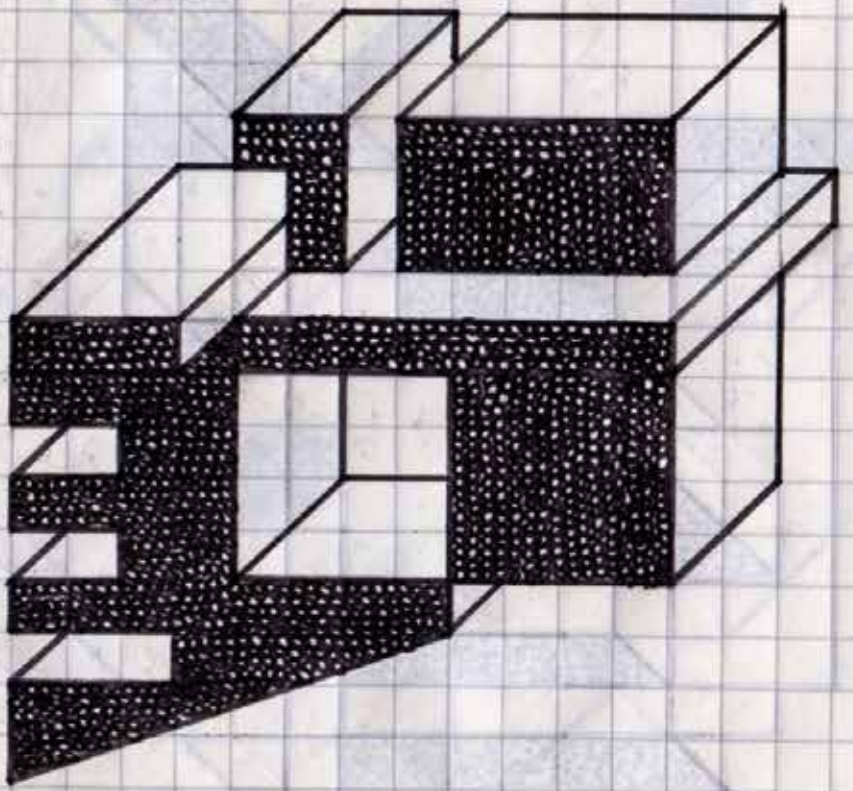


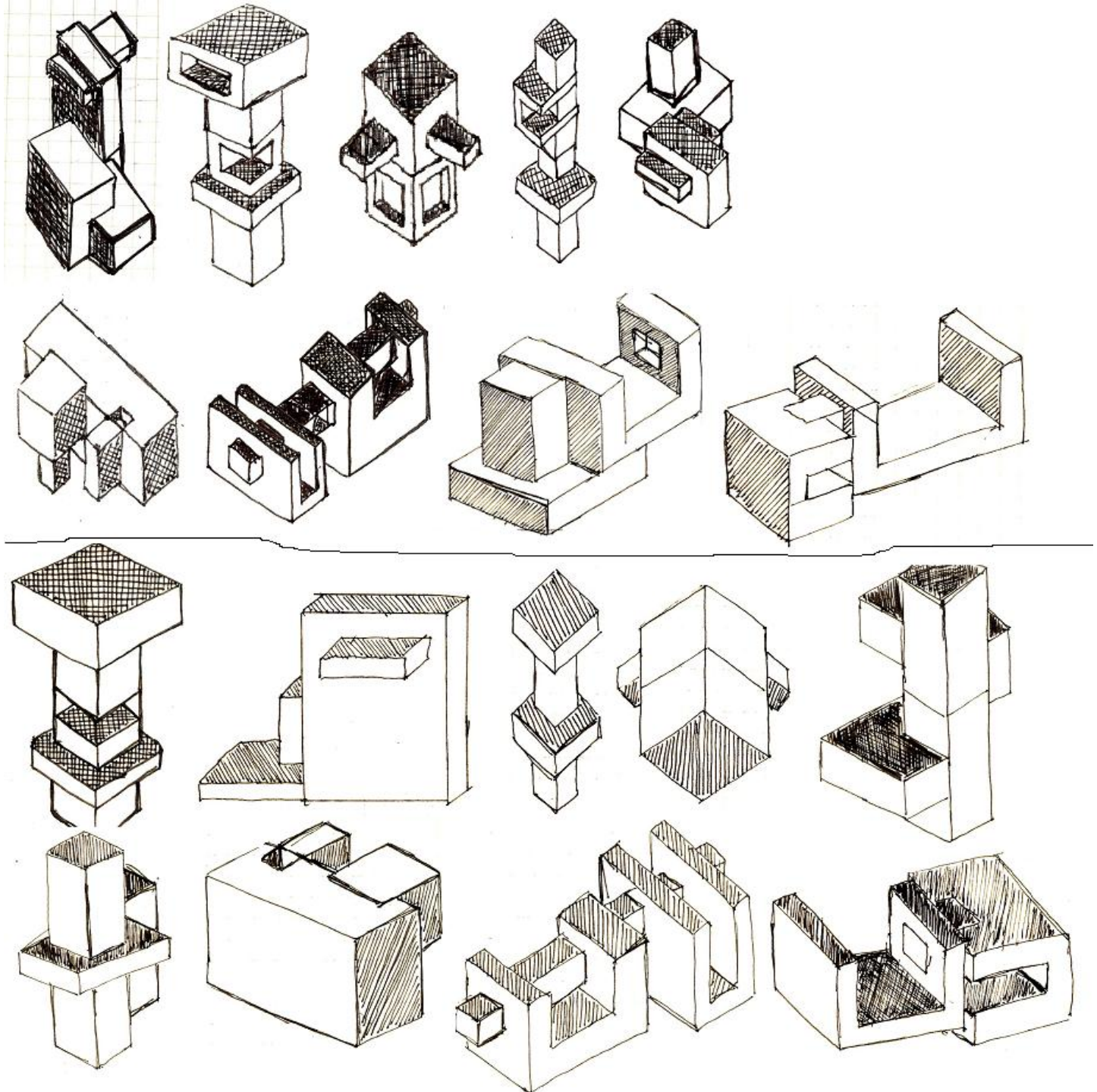
Is too simple the answer??

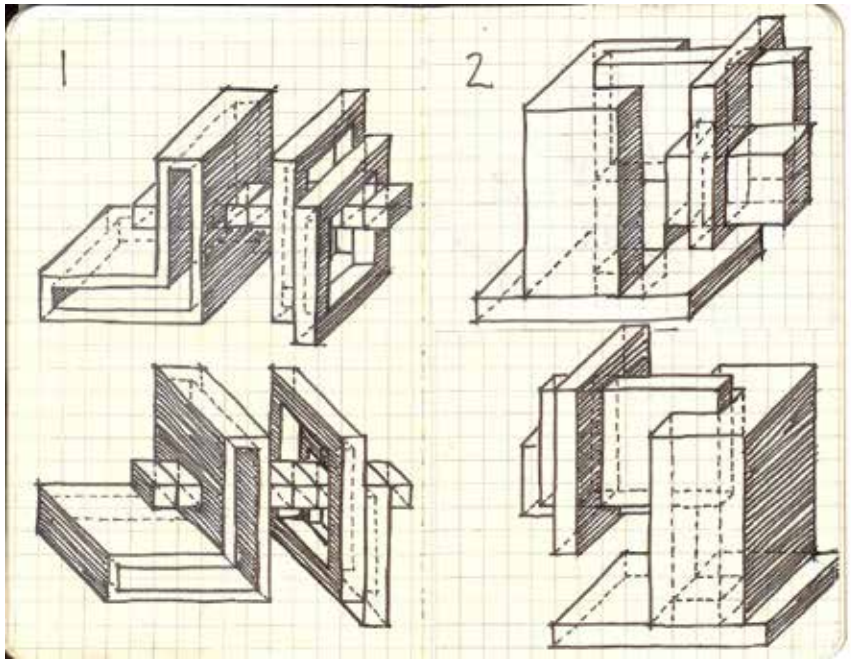








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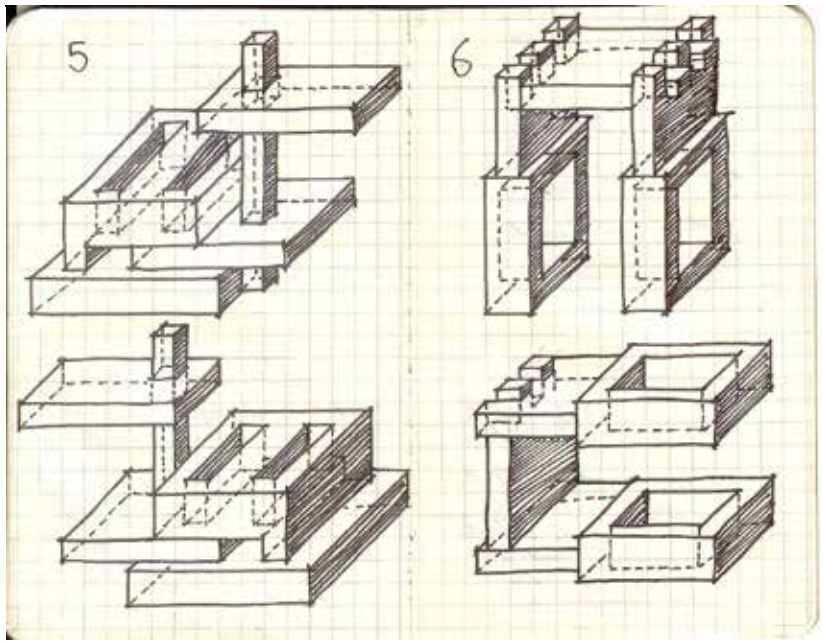
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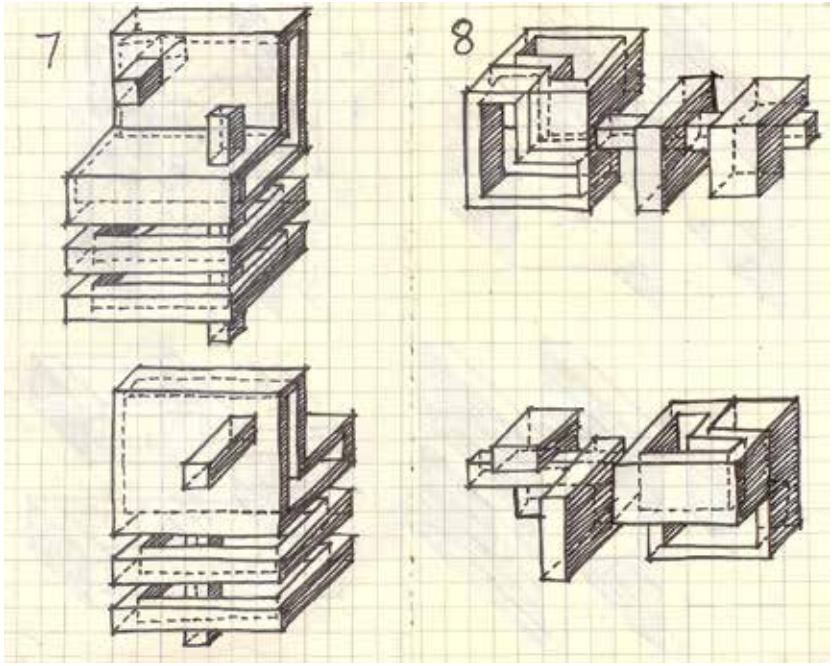
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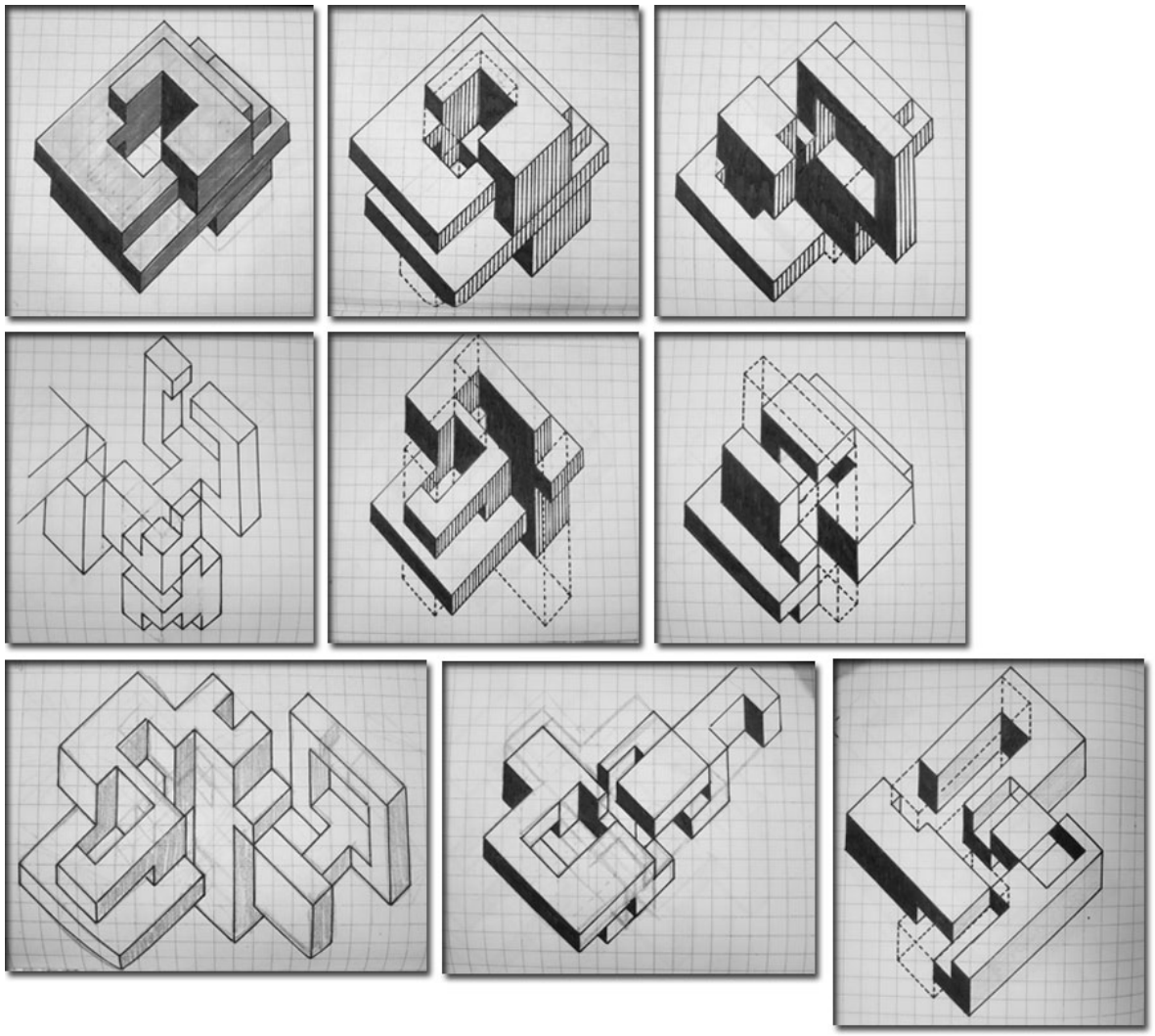
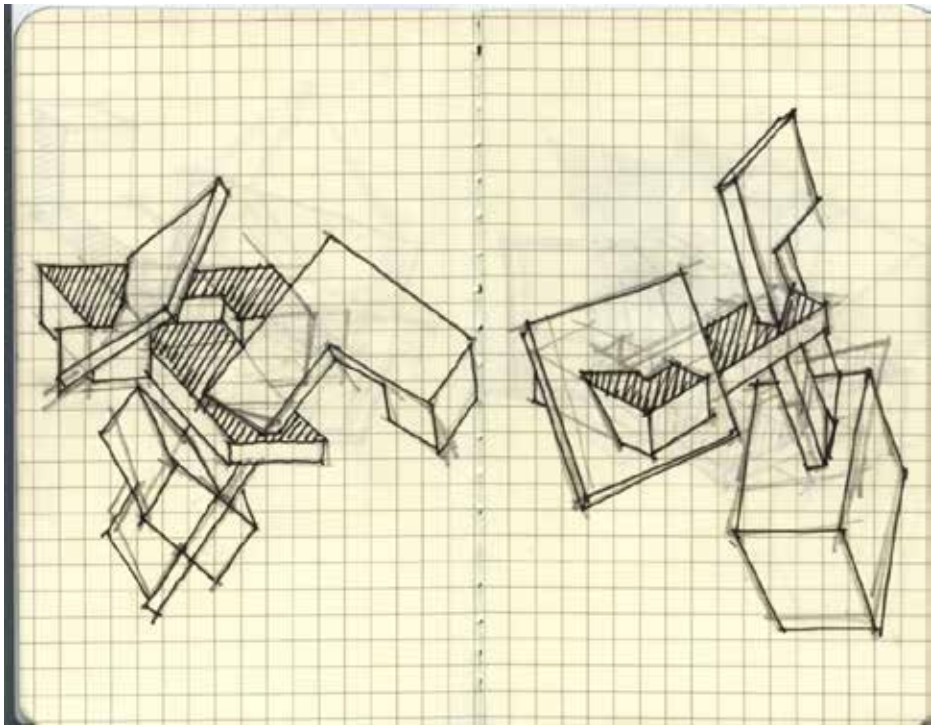
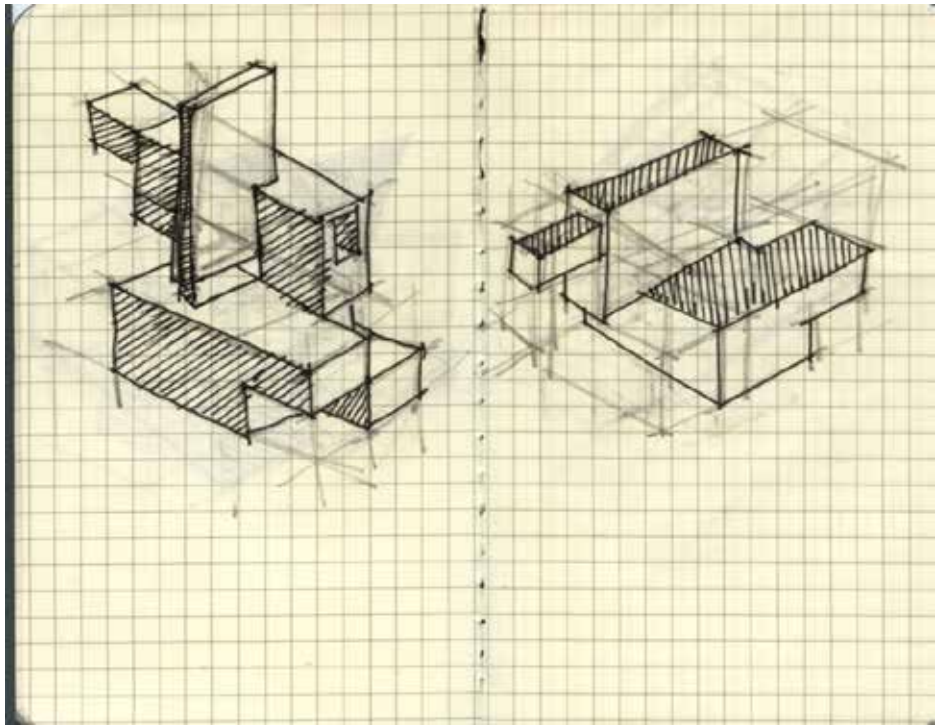
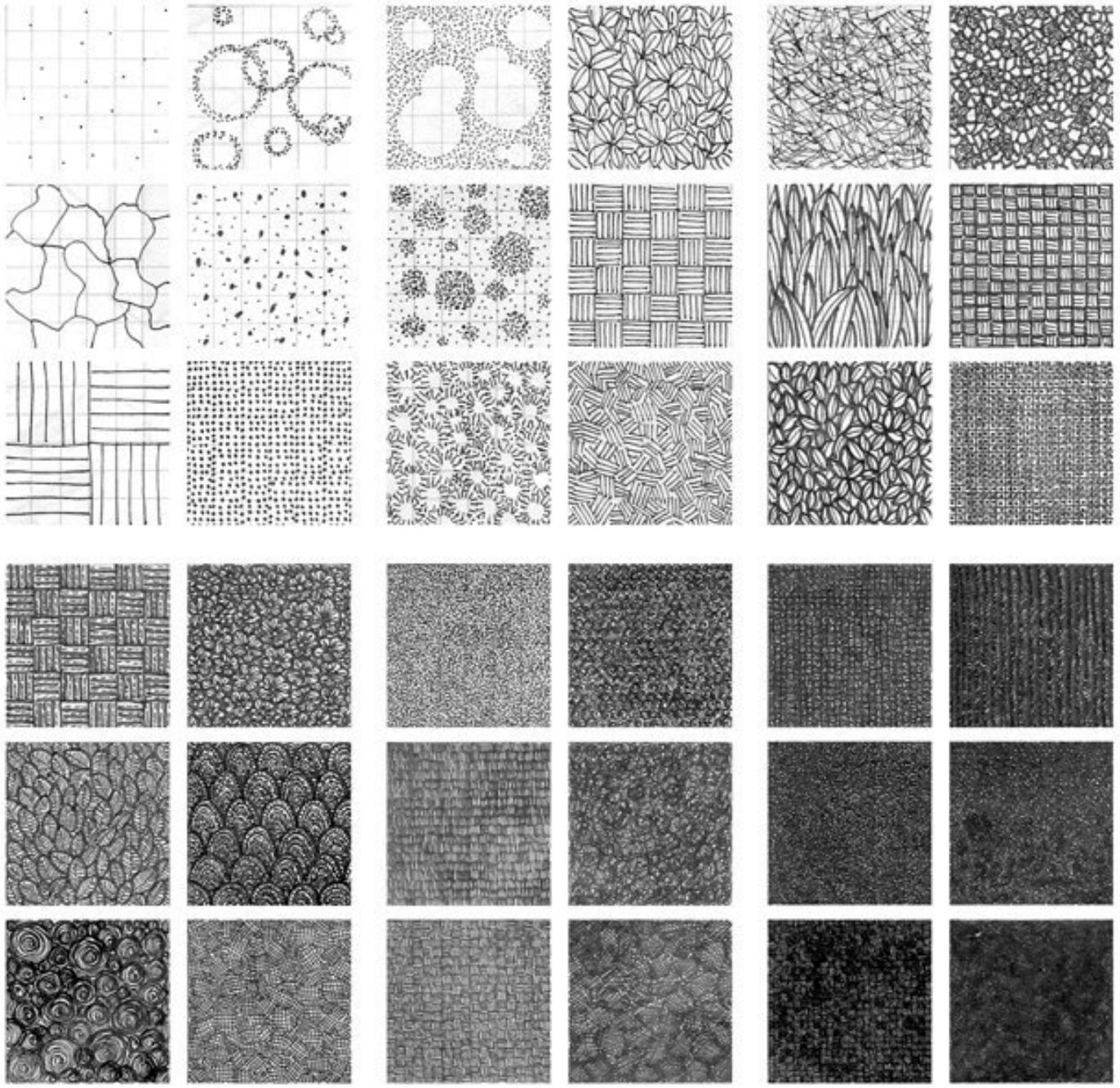
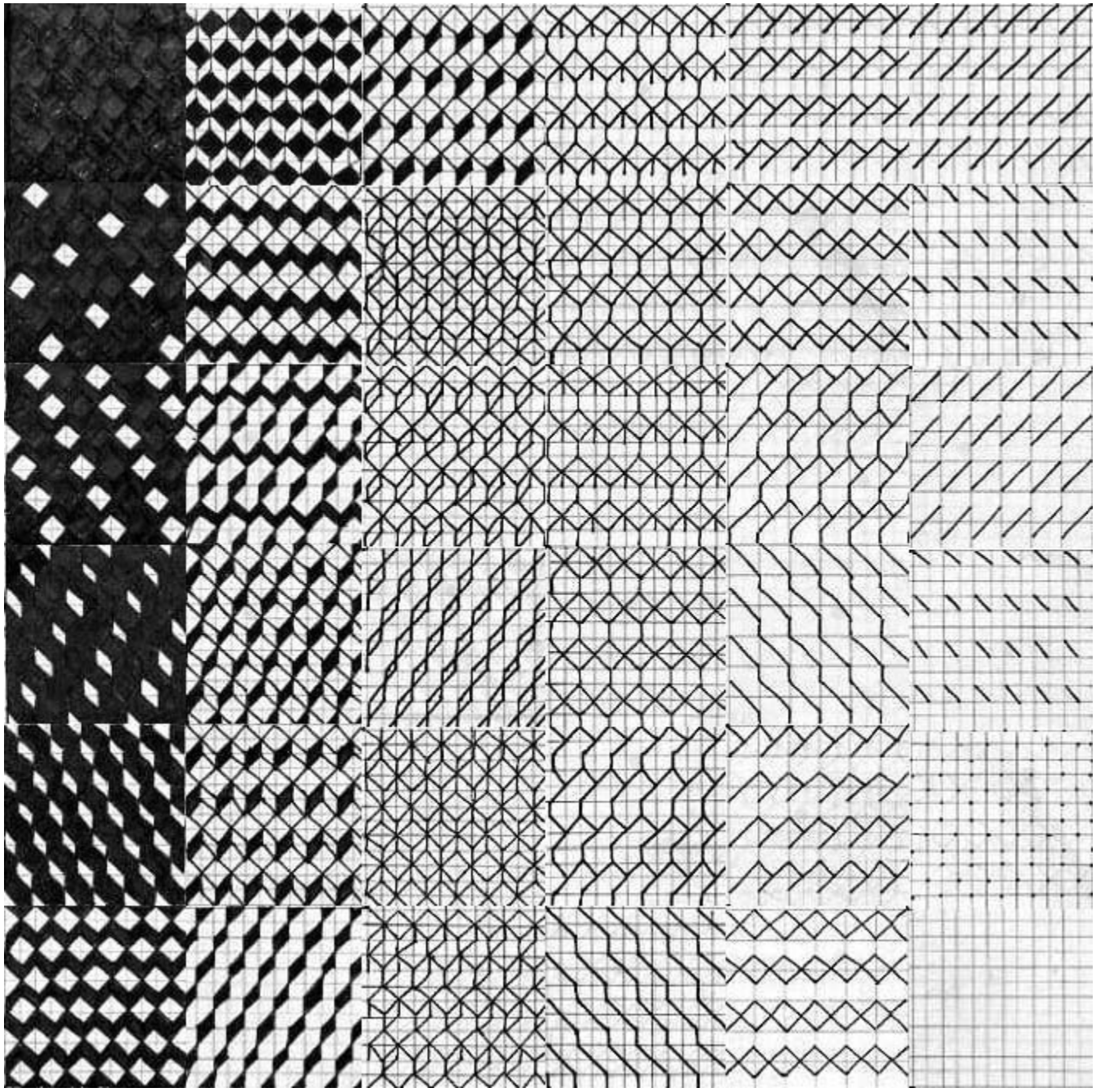


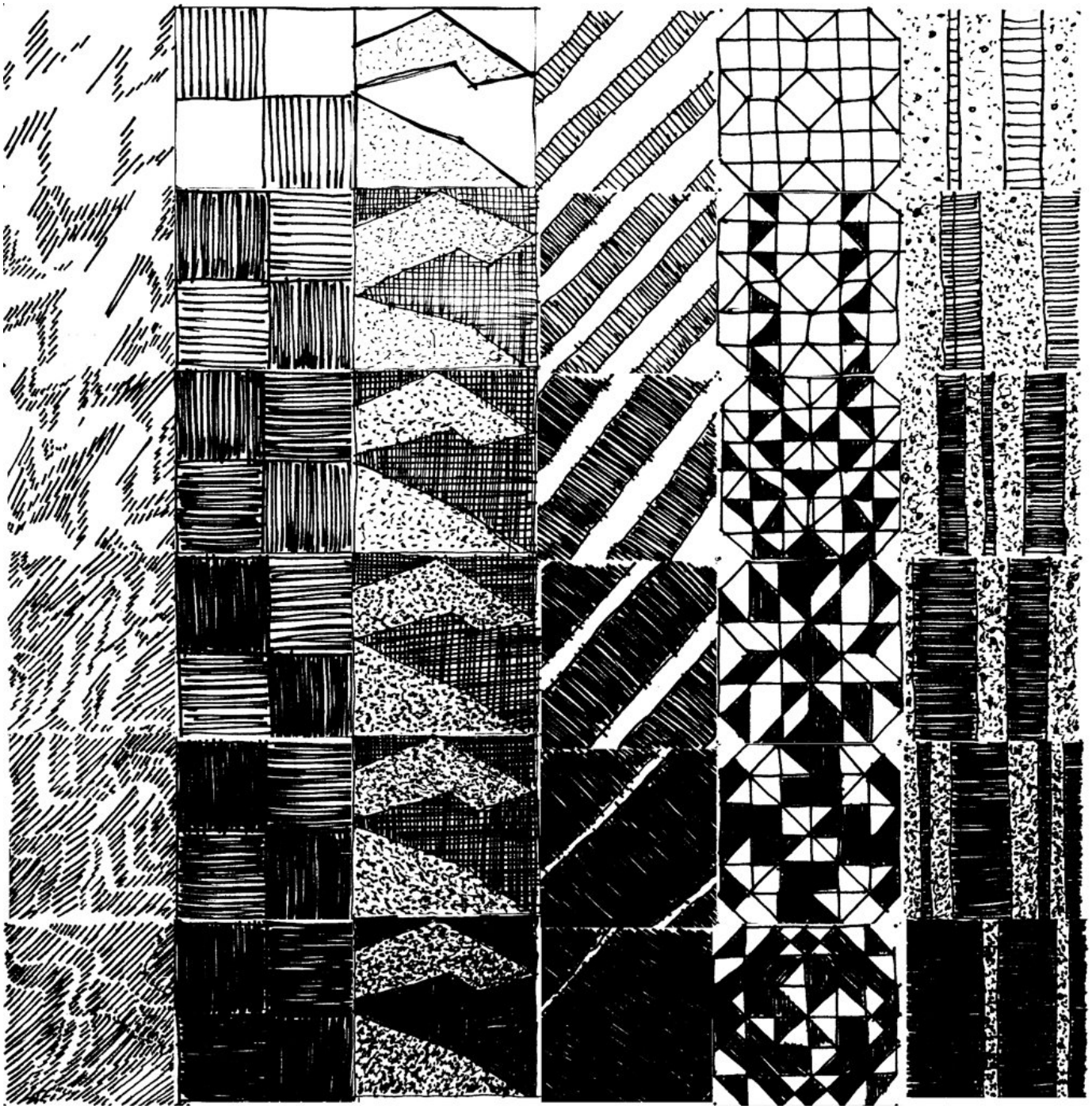




LIGHT + SHADOW







DEMO: CryENGINE3

ALL THE FILES YOU NEED ARE HERE:

Playup: http://www.playuptools.com/downloads/

CryENGINE3 Free SDK: http://www.crydev.net/

Or Online at UNSW: coursefolders.fbe.unsw.edu.au\DATA\courses\ARCH1101-ArchDes1\Resources\CryENGINE3

Or on the C drive of the machines in the Red Center labs: C:\Program Files (x86)\Electronic Arts\Crytek

QUESTIONS?