

BLOG OF THE WEEK: lecontainer.blogspot.com

**TEXTURE +
MATERIALITY**

ARCH1101 LOWE

TASK FOR TODAY

DEFINITIONS

MATERIAL/IMMATERIAL

MAPPING

TEXTURE PARAMETERS

TEXTURE + GEOMETRY = DECAY

STUDENT WORK

SKETCHUP TUTORIAL

TASK FOR TODAY

1. In groups of 5 come up with 36 words to describe the features/qualities/properties of materials.
2. Once you have a list work individually to place them into 3 categories (above, below and in between), reflect on the 2 draft sketchup models and your clients work to help you to do this.
3. In squares of 6 x 6 units in your notebooks (or a manageable size on your iPhone, or similar) carefully draw a material section that represents each of the words, taking care also to emphasize the category that word is in.
4. Throughout the class your tutors will be selecting students at random to offer a critique of other students work. Use the marking schedule to focus your comments.
5. Following these discussions you will chose one of the two draft schemes to develop into your final submission.

Note: throughout the class students will be demonstrating the methods for modelling and texturing objects in SketchUp.

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tex·ture

n.

A structure of interwoven fibres or other elements.

The distinctive physical composition or structure of something, especially with respect to the size, shape, and arrangement of its parts: *the texture of sandy soil; the texture of cooked fish.*

The appearance and feel of a surface: *the smooth texture of soap.*

A rough or grainy surface quality: *Brick walls give a room texture.*

Distinctive or identifying quality or character: "an intensely meditative poet [who] conveys the religious and cultural texture of time spent in a Benedictine monastery" (New York Times).

The quality given to a piece of art, literature, or music by the interrelationship of its elements: "The baroque influence in his music is clear here, with the harmonic complexity and texture" (Rachelle Roe).

ma·te·ri·al

n.

The substance or substances out of which a thing is or can be made.

Something, such as an idea or information, that is to be refined and made or incorporated into a finished effort: *material for a comedy.*

materials Tools or apparatus for the performance of a given task: *writing materials.*

Yard goods or cloth.

A person who is qualified or suited for a position or activity: *The members of the board felt that she was vice-presidential material.*

adj.

Of, relating to, or composed of matter.

Of, relating to, or affecting physical well-being; bodily: "the moral and material welfare of all good citizens" (Theodore Roosevelt).

Of or concerned with the physical as distinct from the intellectual or spiritual: "Great men are they who see that spiritual is stronger than any material force, that thoughts rule the world" (Ralph Waldo Emerson).

Being both relevant and consequential; crucial: *testimony material to the inquiry.* See Synonyms at [relevant](#).

Philosophy. Of or relating to the matter of reasoning, rather than the form.

materiality

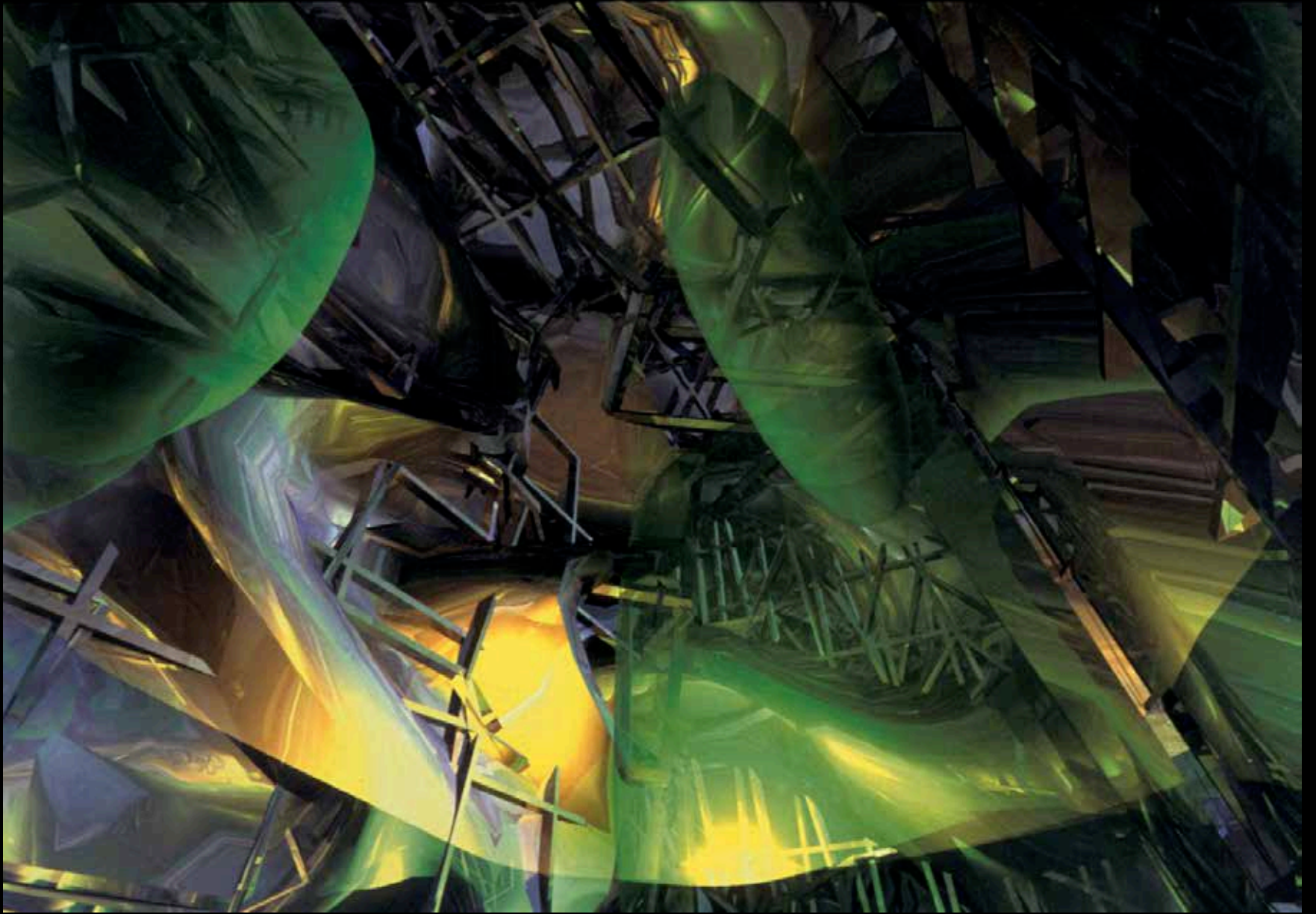
n 1: relevance requiring careful consideration [ant: immateriality] 2: the quality of being physical; consisting of matter [syn: physicalness, corporeality] [ant: immateriality]

MATERIAL /

IMMATERIAL

TRANSFORMERS 3 v01

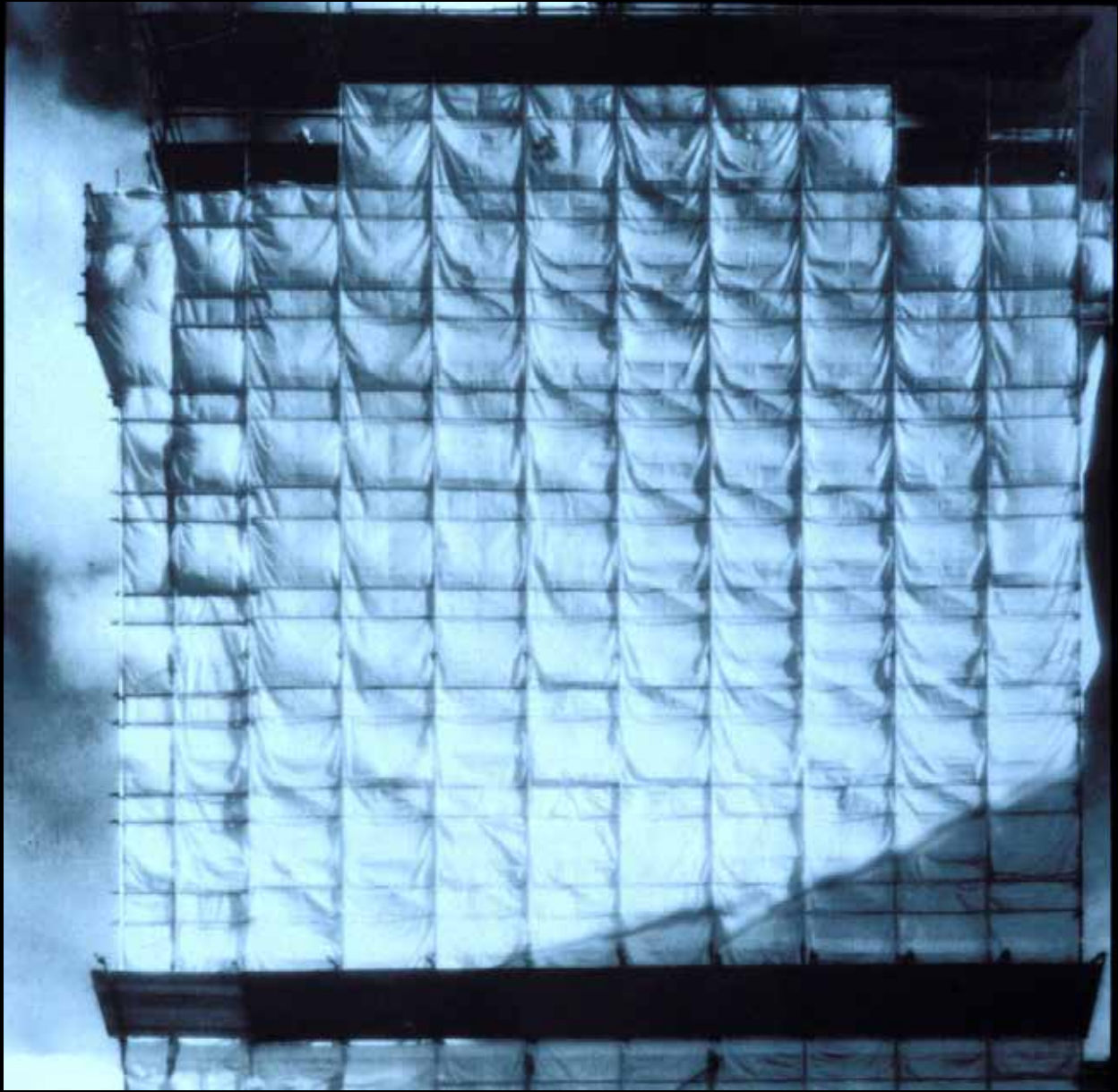
TRANSFORMERS 3 v02







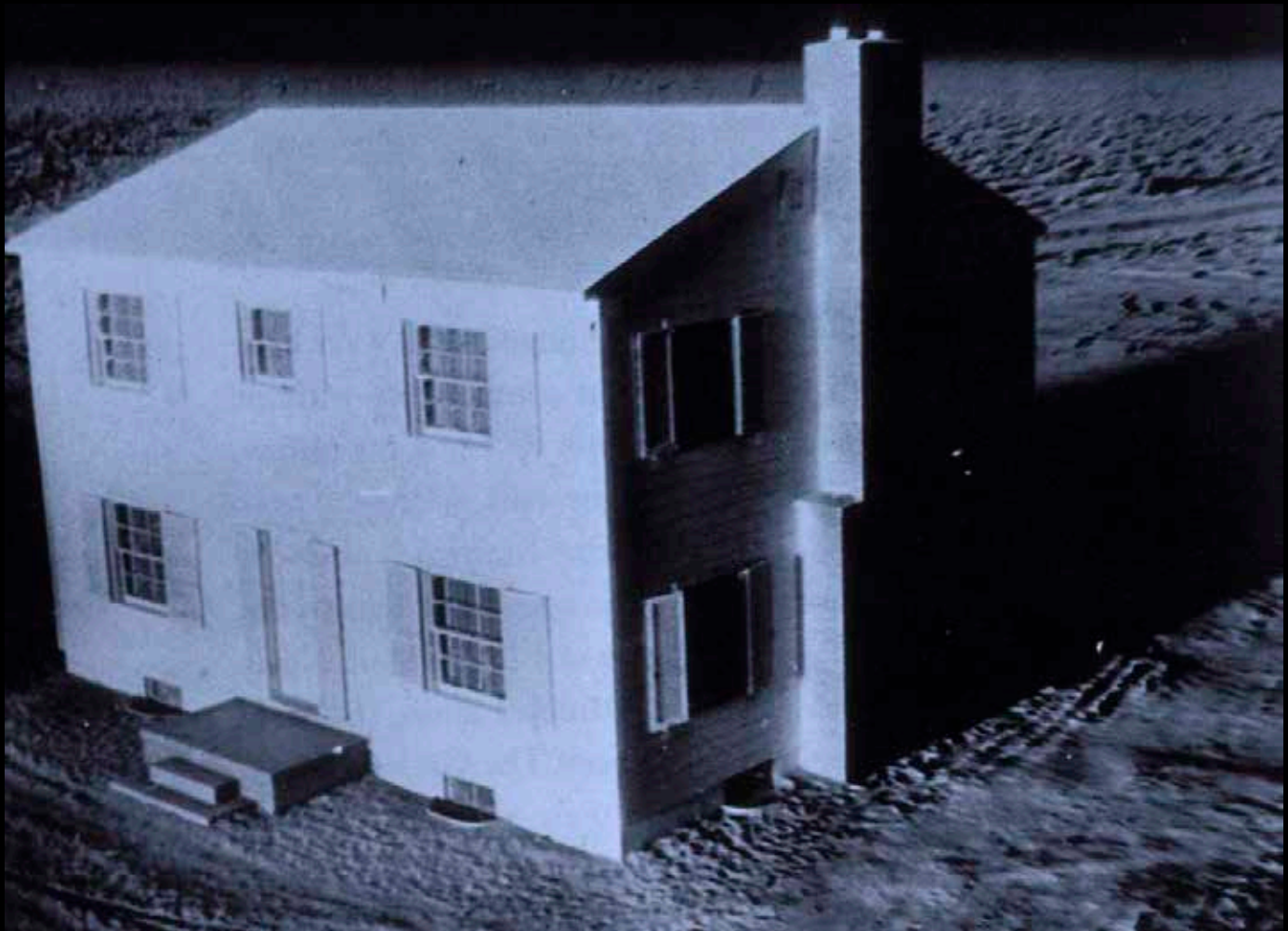
CONGREXPO. EURALILLE. OMA. REM KOOLHAAS.

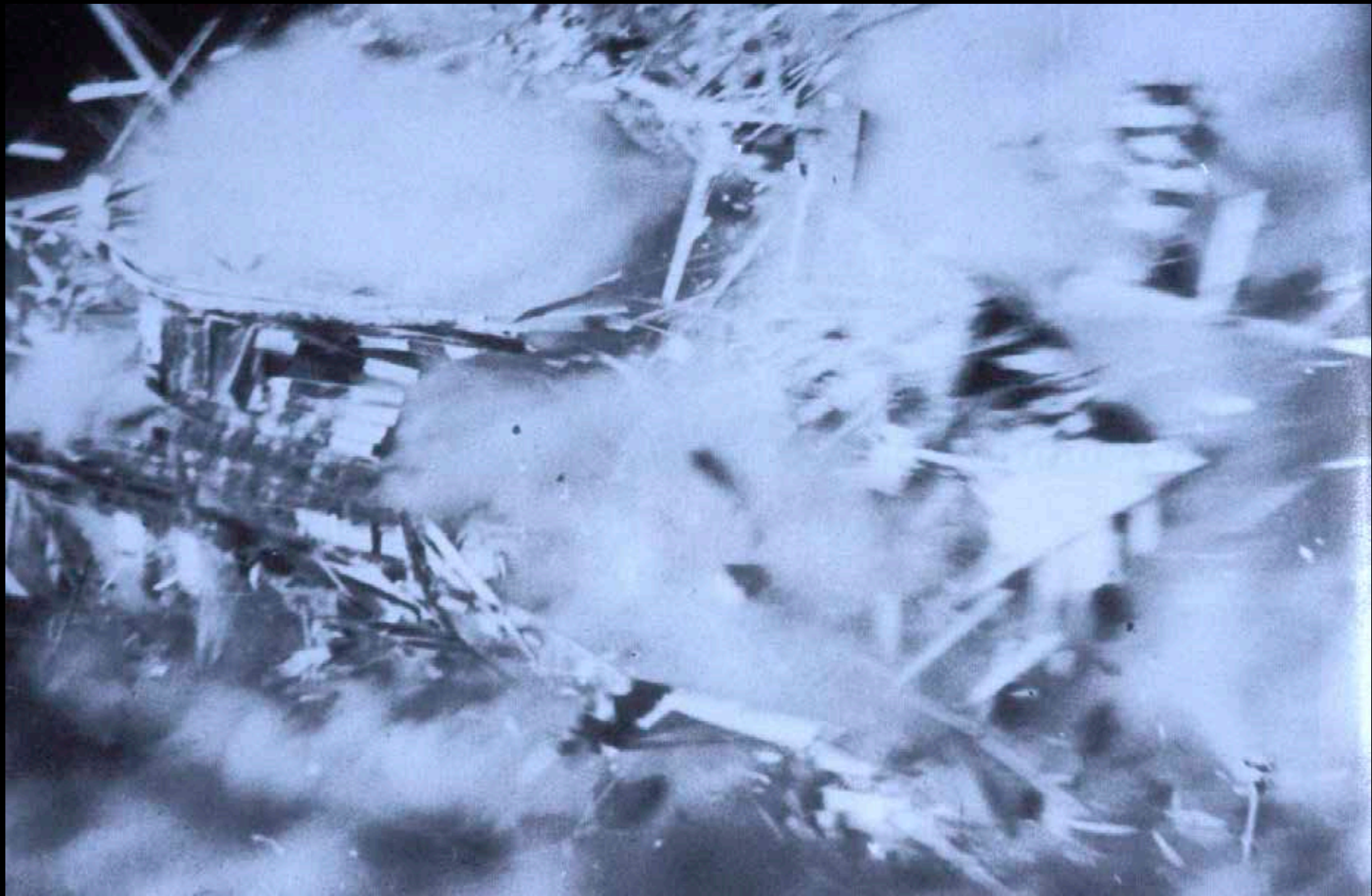


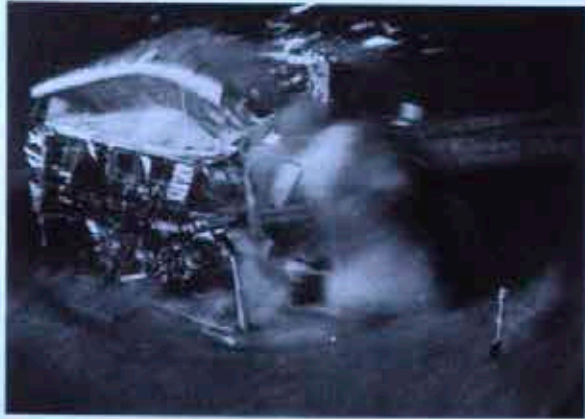


BROOKLYN MUSEUM











BIOMEGA. MARC NEWSON





ANDY GOLDSWORTHY

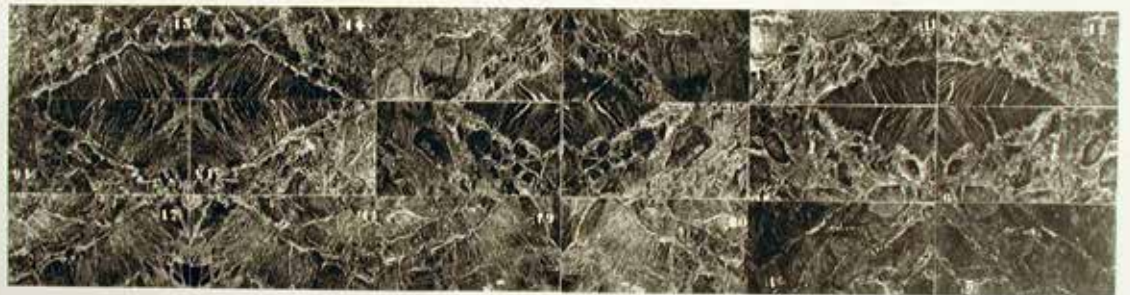
PETER ZUMTHOR.
THERMAL BATHS. VALS.
SWITZERLAND



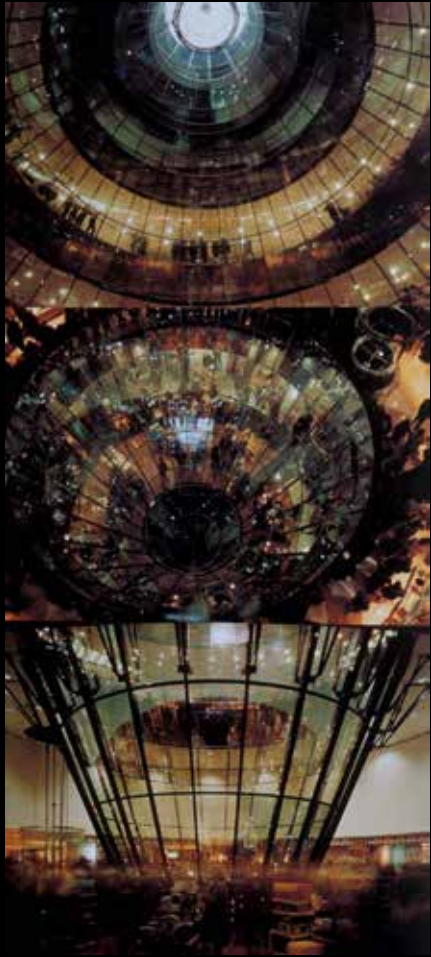




Fig. 25. Study for the positioning of the slabs of green marble on the wall over the interior pool.

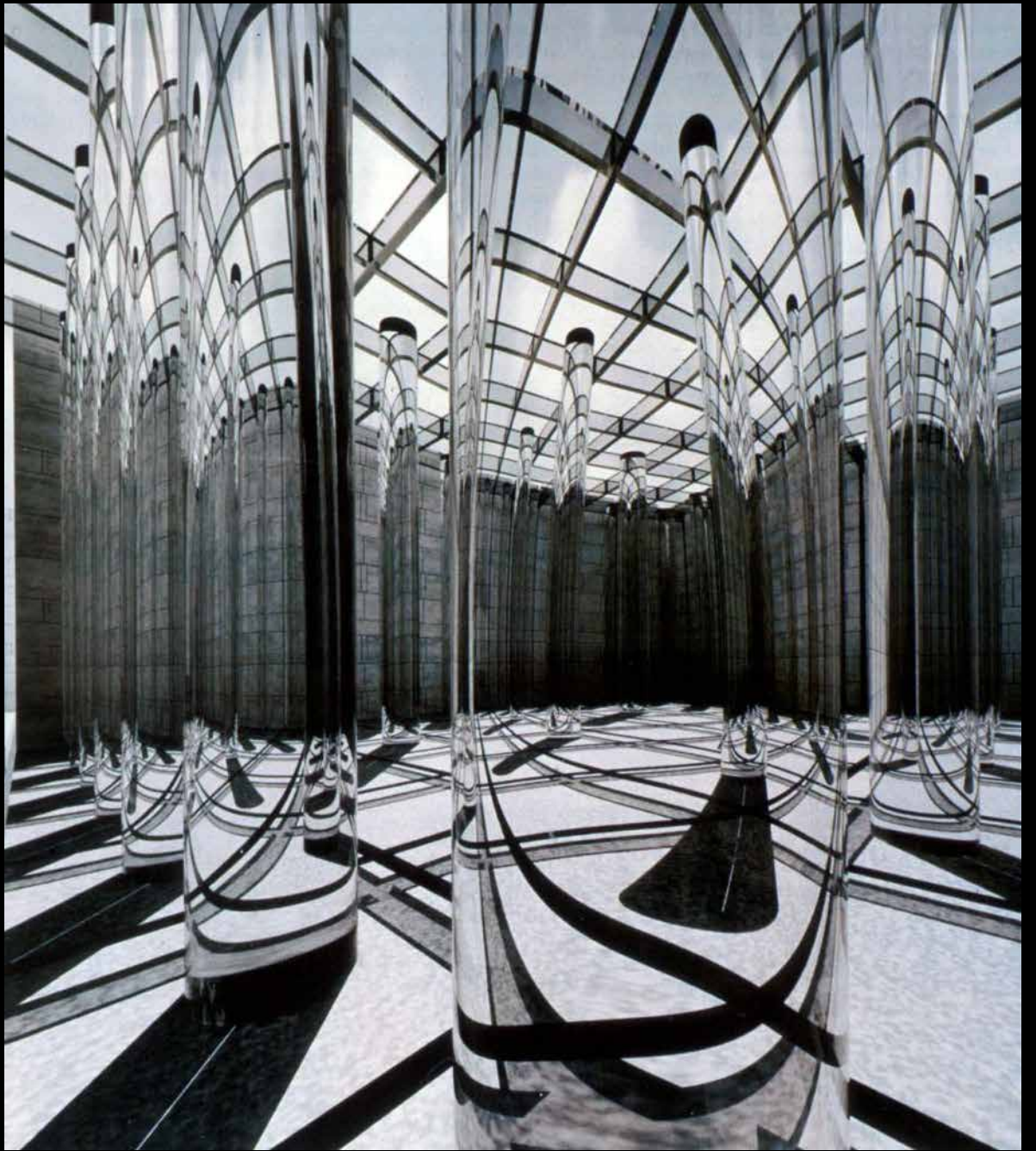


BARCELONA PAVILION.
MIES VAN DER ROHE.



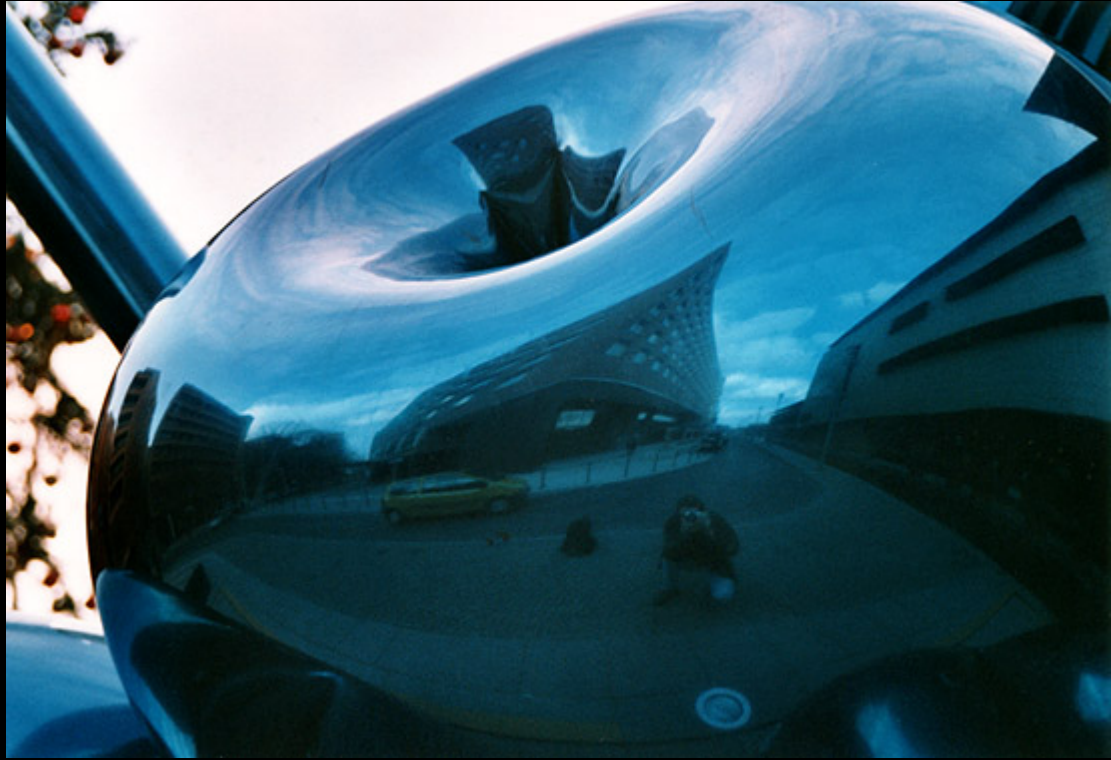
EURALILLE SHOPPING CENTER. JEAN NOUVEL.







JEFF KOONS





LOUD #9

19, UNO GENEVA (1995-)
SWITZERLAND

all-functional offices and public space for
Nations, Geneva.

Travaux Publics SA, Geneva, Geneva

SA
Andrzej Swicinski - Partner

Wacombe
us, Niess, Pöllhofer, Serr



WE A MESSAGE AFTER THE BEEP."

IM IS THREAT'NING MY VERY LIFE TODAY

E SHELTER, OH YEAH I'M GONNA FADE AWAY...

Shelter



COOP HIMMELBLAU







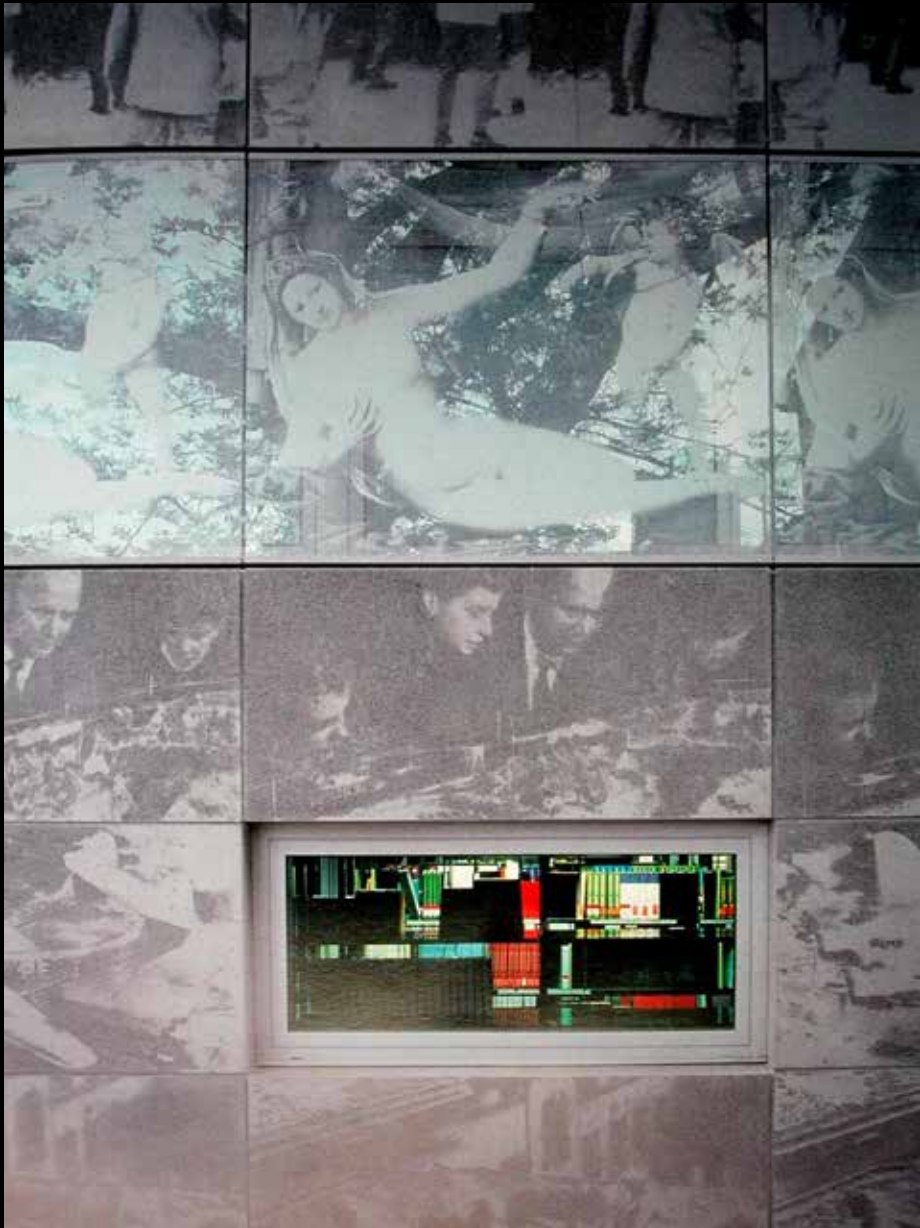




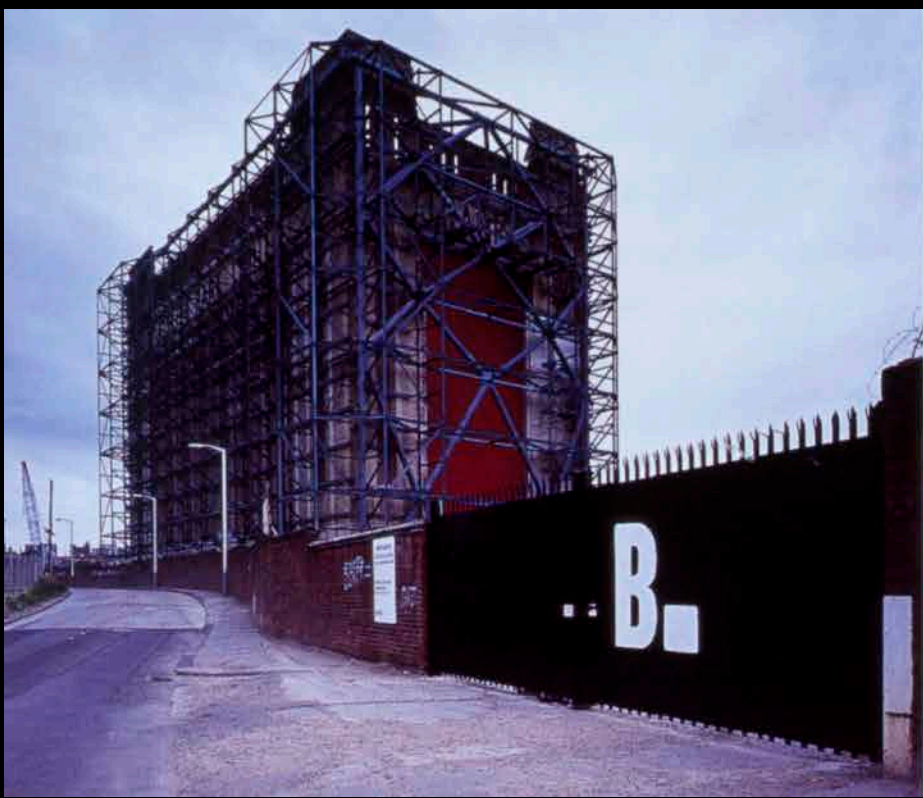
HERZOG AND DE MEURON



HERZOG AND DE MEURON





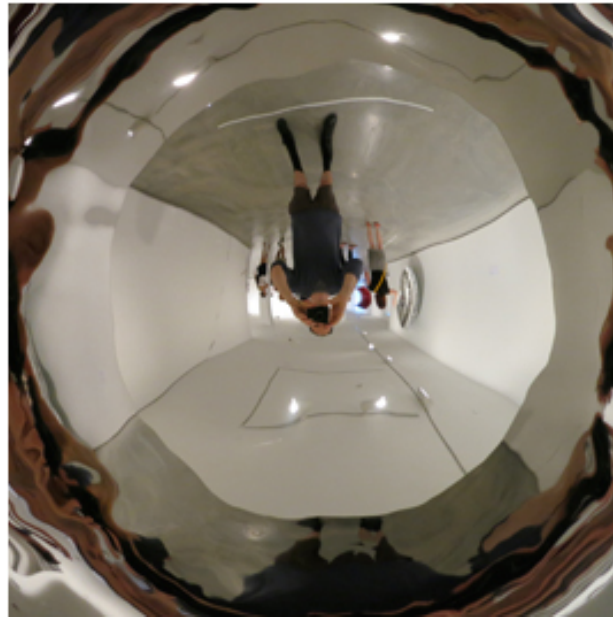


ANISH KAPOOR

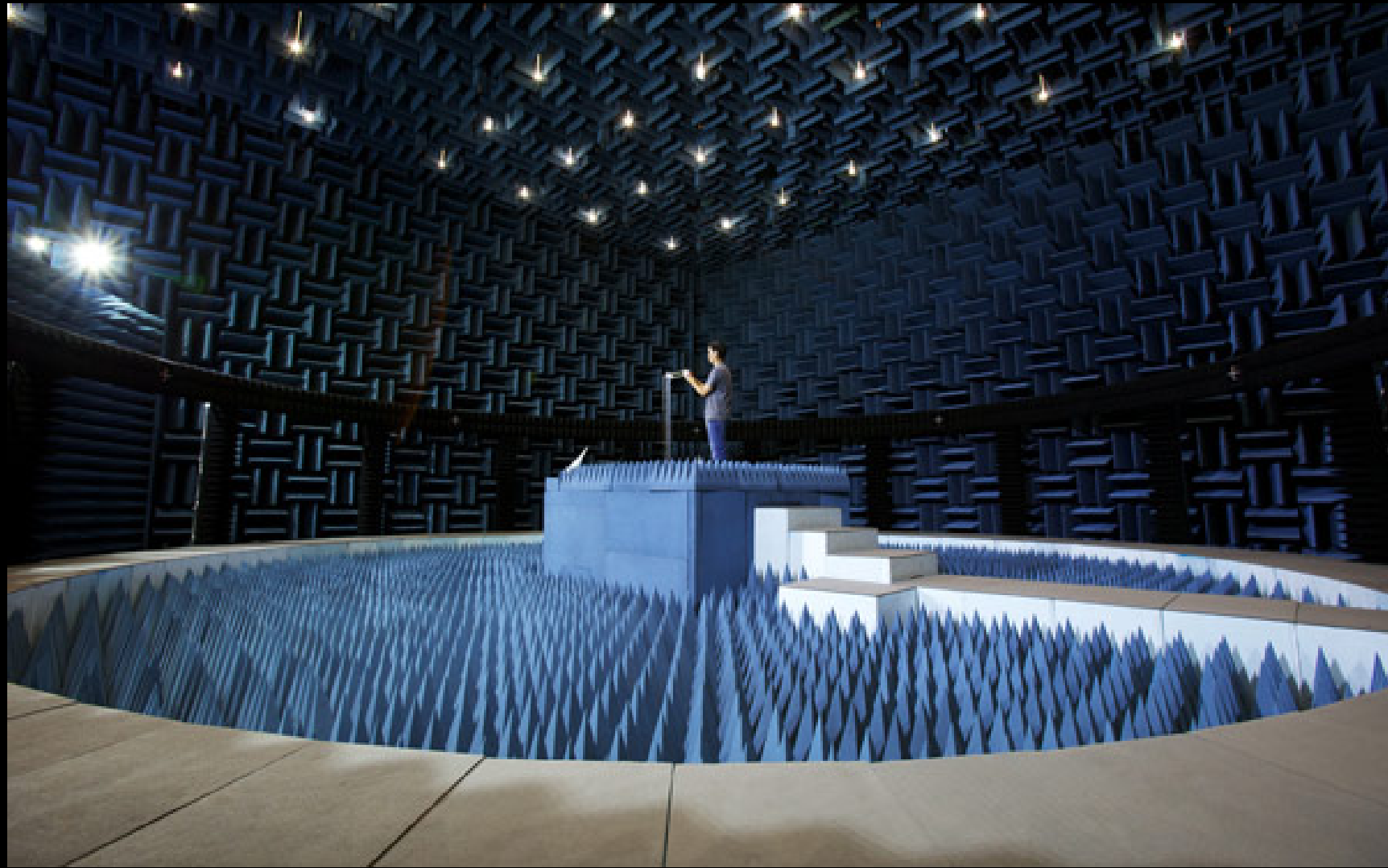








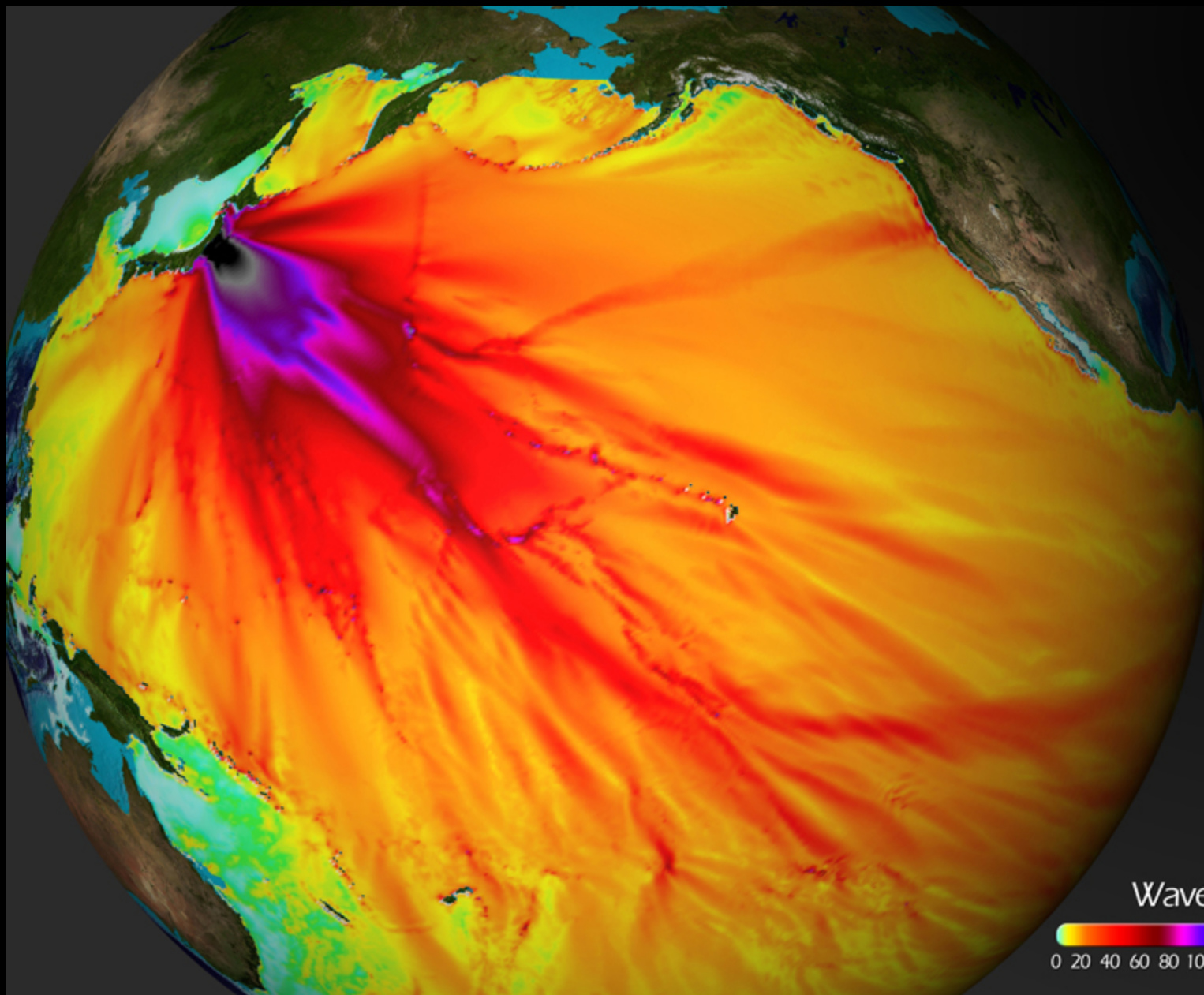




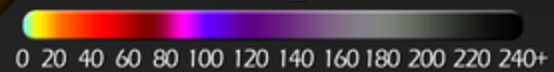
Sine Language

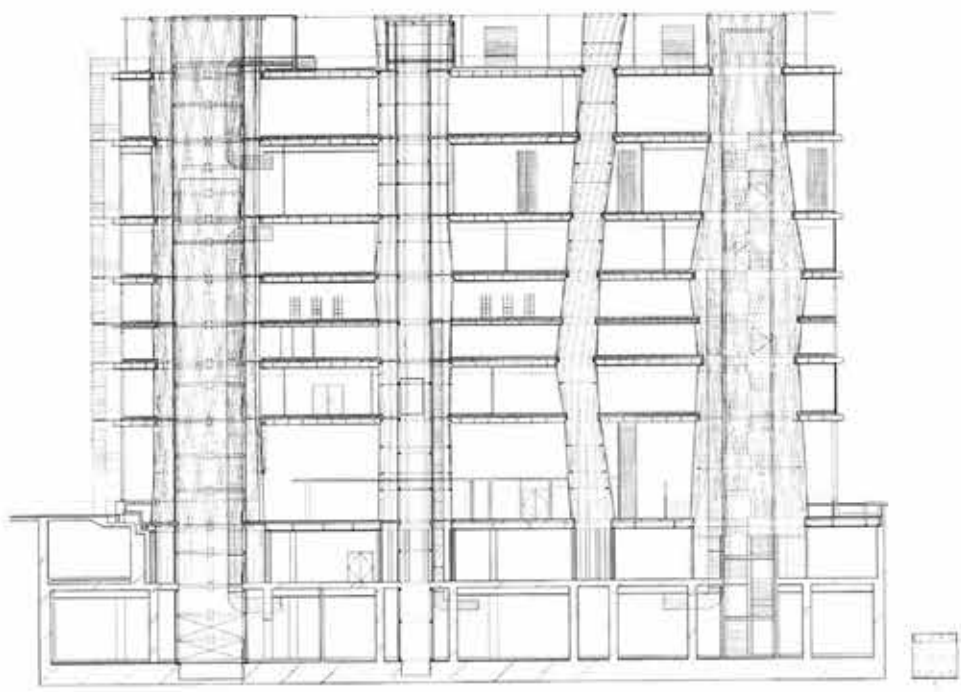
Abstract art can be tough to interpret, but this particular piece is easy to explain. It's a visual expression of the function $g(x,y) = \ln(\sin(x)) \cdot 3 \cdot (\tan(y))$, $h(x,y) = \ln(\cos(y)) \cdot 3 \cdot (\tan(x))$. MIT professor John Belcher and his colleagues developed a Java applet that turns vector field mathematics into kaleidoscopic landscapes. Belcher uses the app in his freshman physics course as an interactive exercise designed to help students understand concepts like electromagnetics. "Forces that are normally invisible are given a sense of reality," Belcher says. "You get a totally different feel for what's going on." The results are so off the wall that he holds a contest each semester and posts the most stunning designs online. To make your own, visit web.mit.edu/8.02/www/wvind/. — Aaron Clark

MAPPING

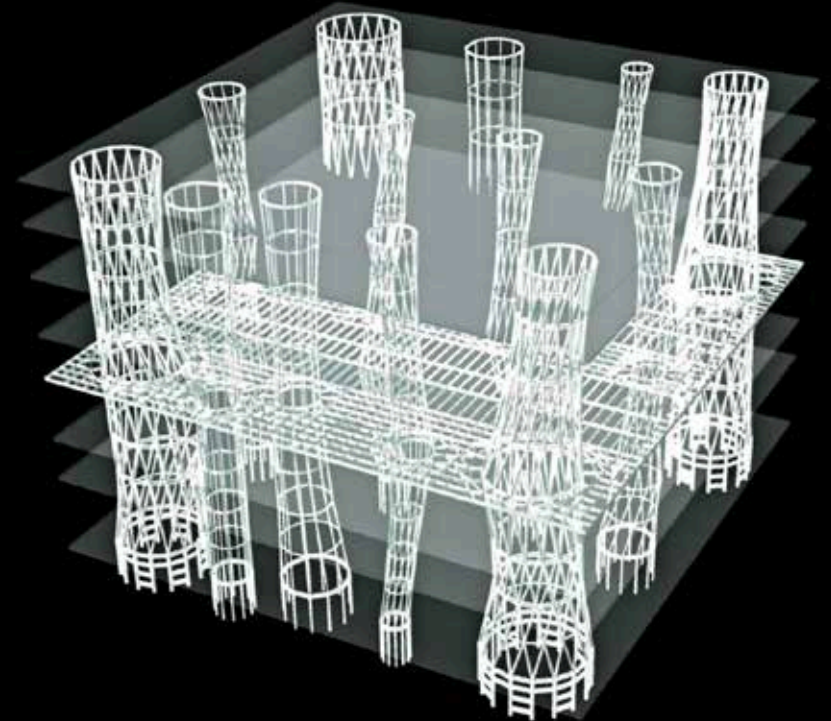
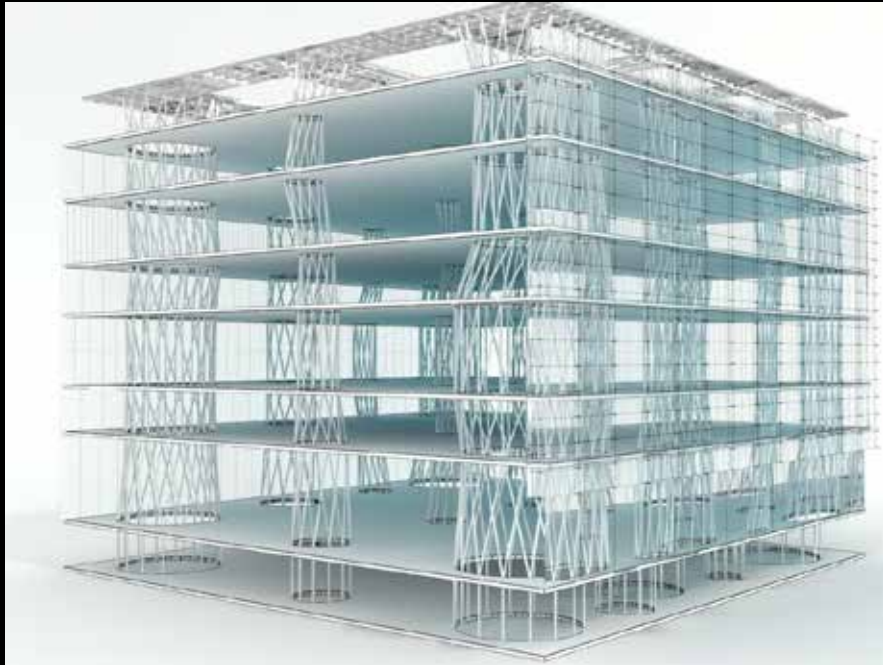


Wave Height (cm)





<http://www.guardian.co.uk/artanddesign/2013/mar/18/pritzker-prize-winner-toyo-ito>



2011.3.11 Earthquake Japan



ut Bank, Montana. Wheat fields on tablelands cut by the Marias River.



ad area, Montana. Wheat strips running perpendicular to the prevailing wind.





the area, California. Agricultural fields in the Colorado River Valley.





ACROSS THE AMERICAN LANDSCAPE. JAMES CORNER.





TATE. MODERN. LONDON. HERZOG AND DE MEURON







ZAHA HADID: <http://www.zaha-hadid.com/>



CARLO SCARPA

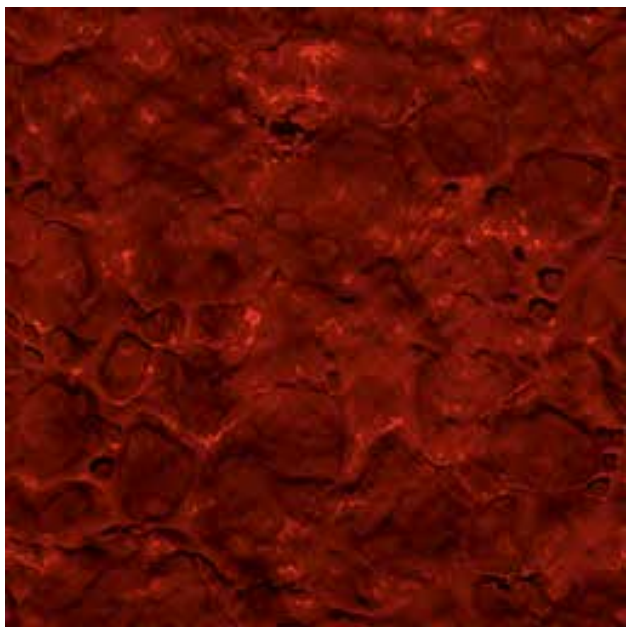
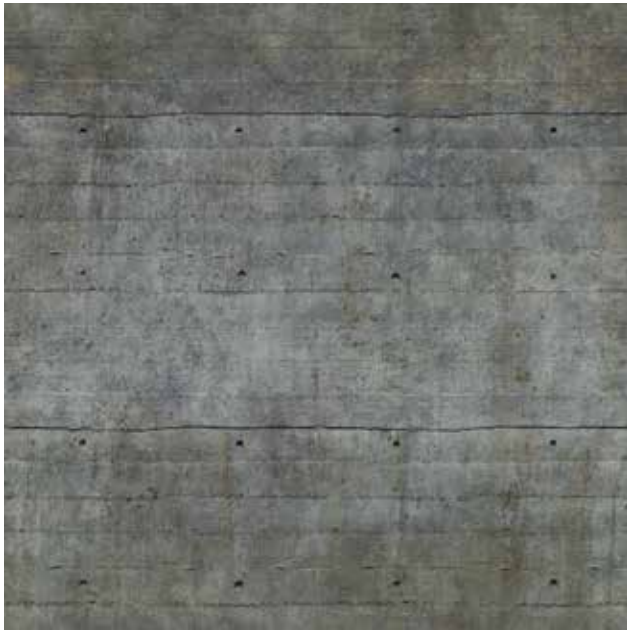




TEXTURE

PARAMETERS





PIXEL DIMENSIONS IN POWERS OF 2

128 x 128

512 x 512

1024 x 1024

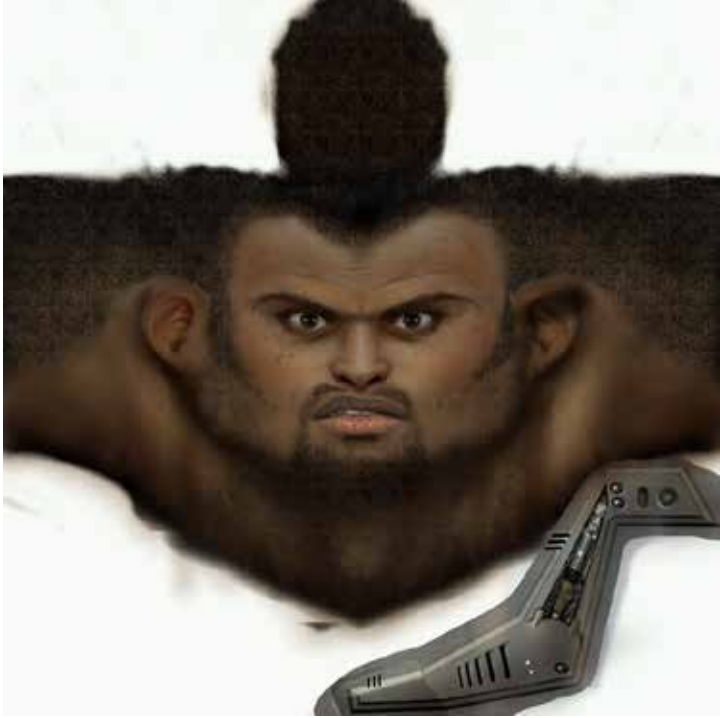
ARCH1101

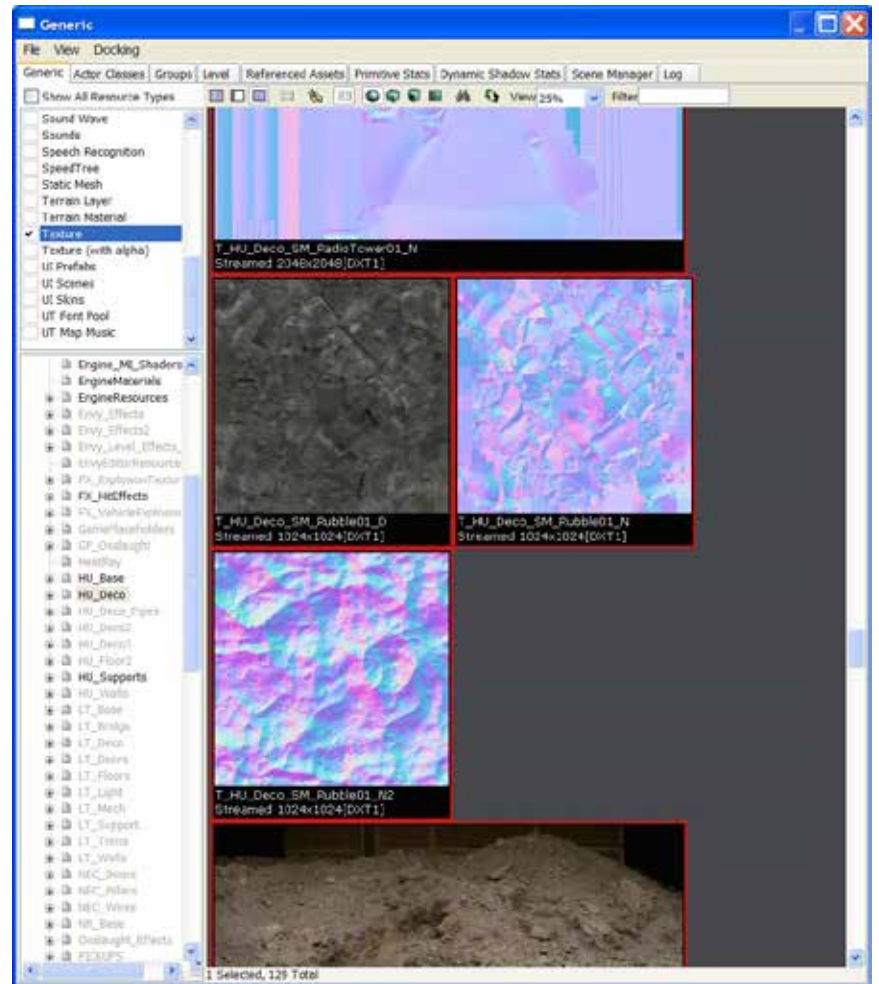
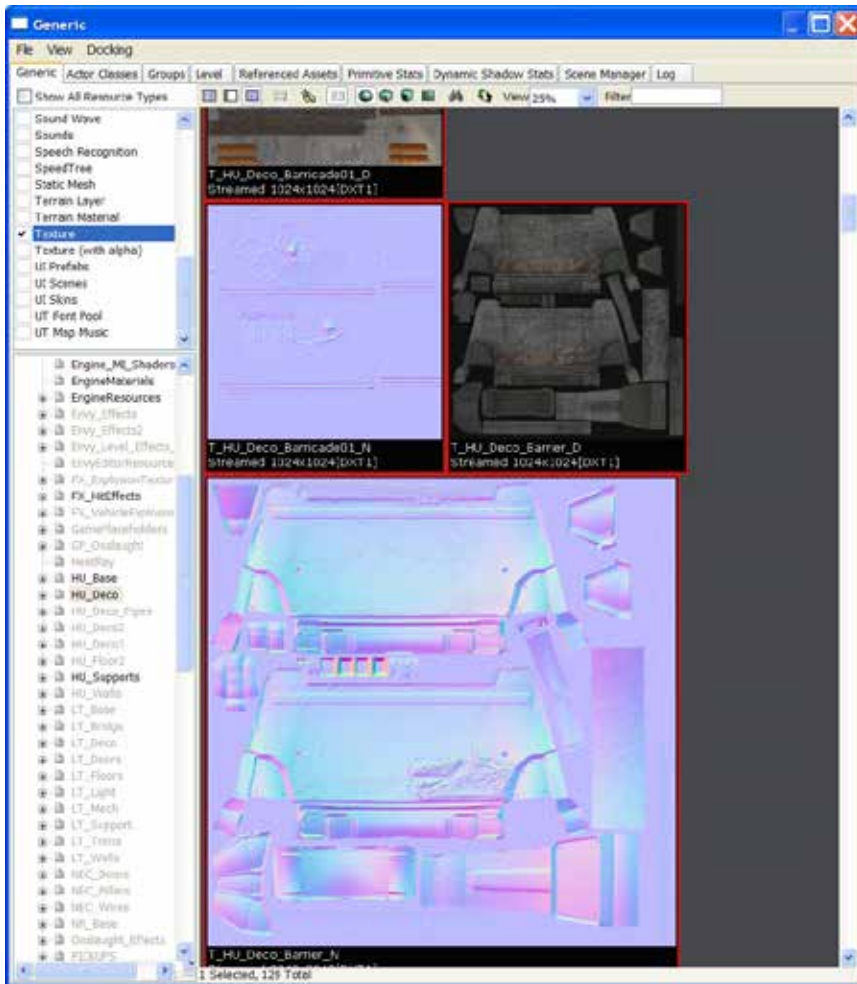
1024 x 1024

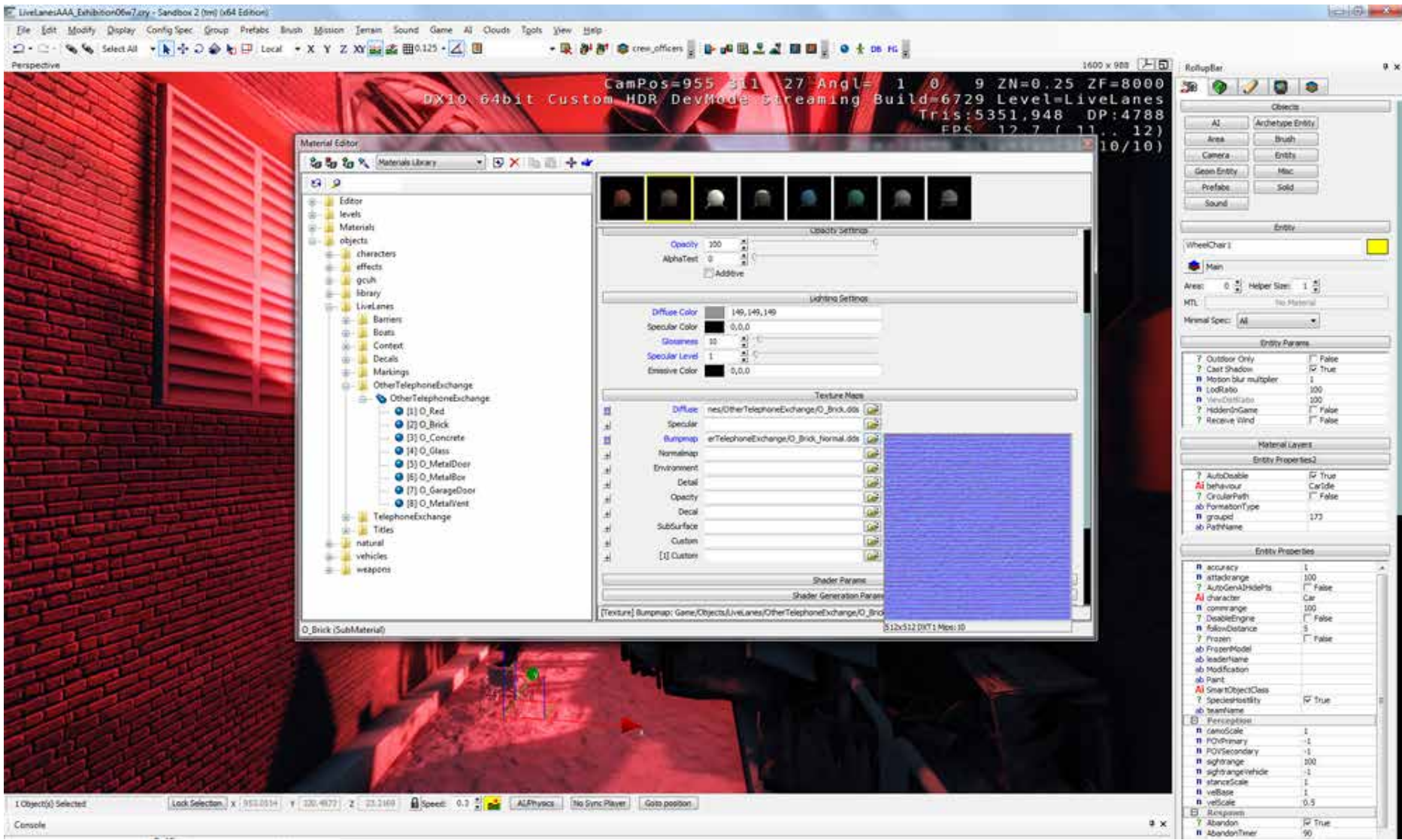
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UT2004. EPIC GAMES.







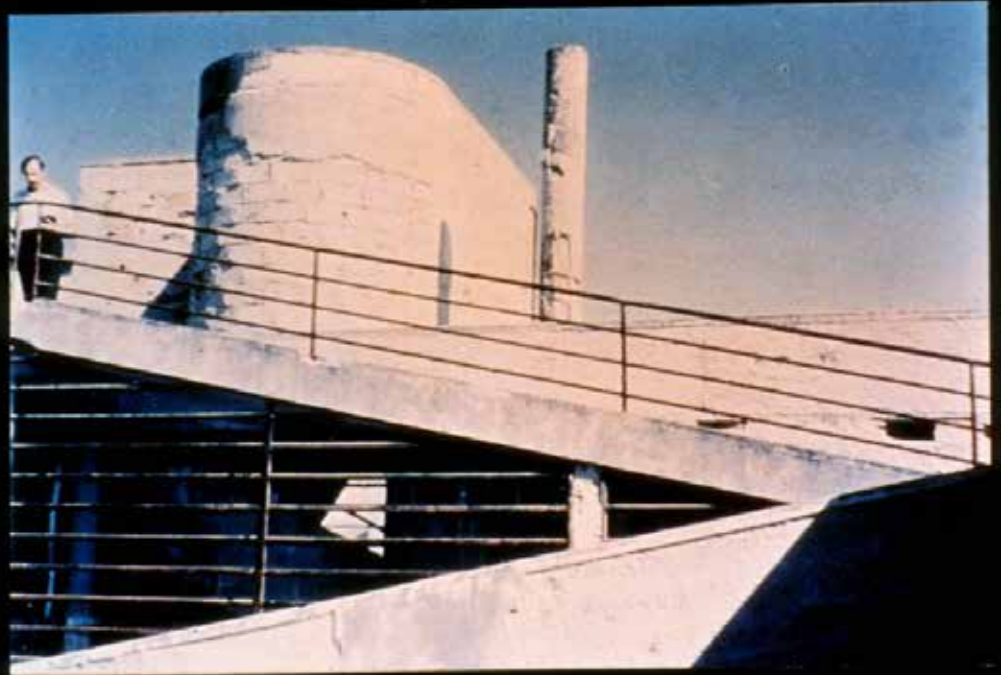
1 Object(s) Selected Lock Selection x (81.014) y (20.407) z (22.169) Speed: 0.7 AI Physics No Sync Player Goto position

Console

**TEXTURE +
GEOMETRY**

**TEXTURE +
GEOMETRY =
DECAY**

The most architectural thing
about this building is
the state of decay in which it is.



VILLA SAVOY.
POISSY, PARIS.
LE CORBUSIER.
BERNARD TSCHUMI.

Architecture only survives
where it negates the form that
society expects of it.
Where it negates itself by
transgressing the limits that
history has set for it.

**Sensuality has been known
to overcome even the
most rational of buildings.**

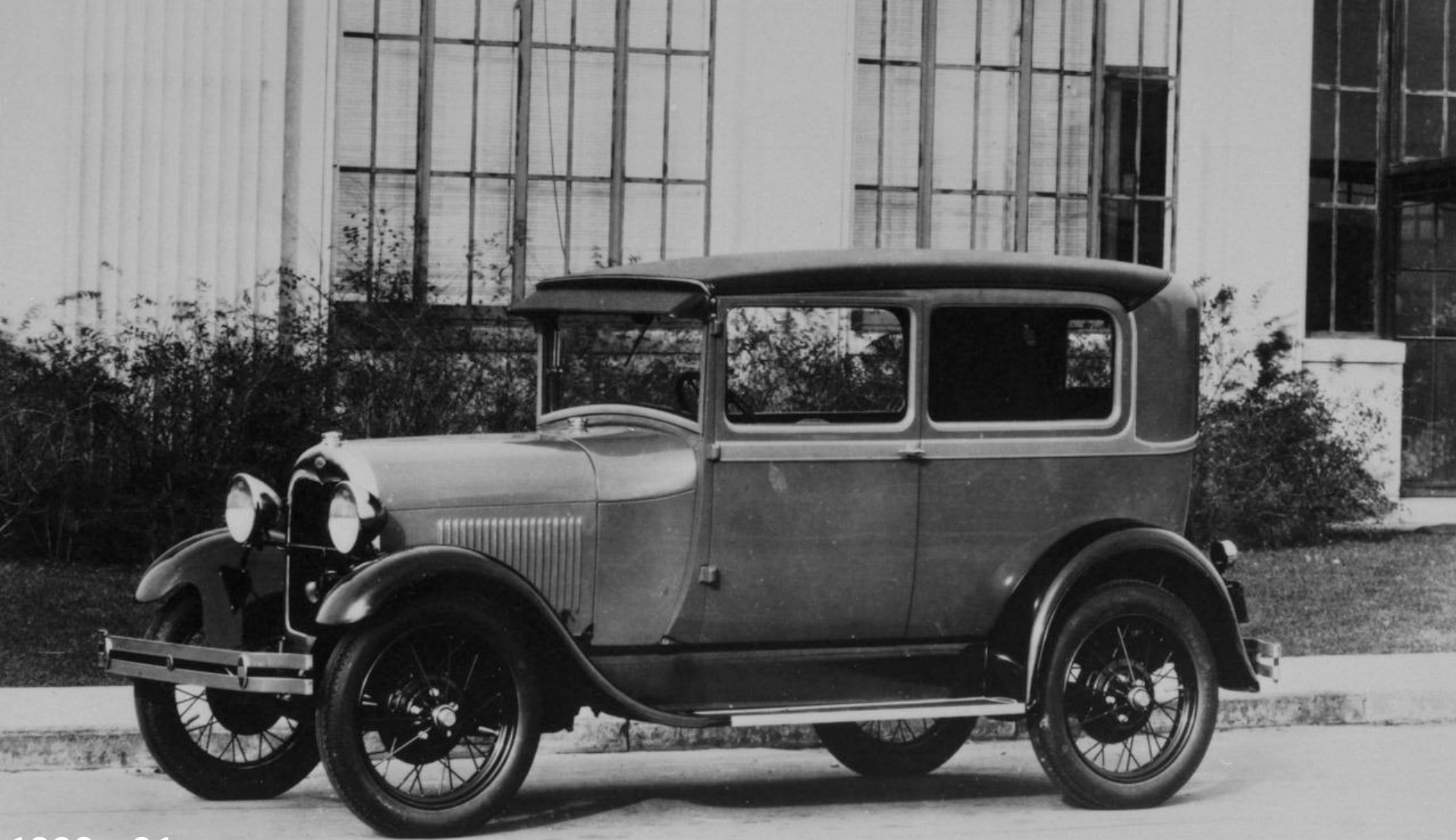


VILLA SAVOYE, 1935

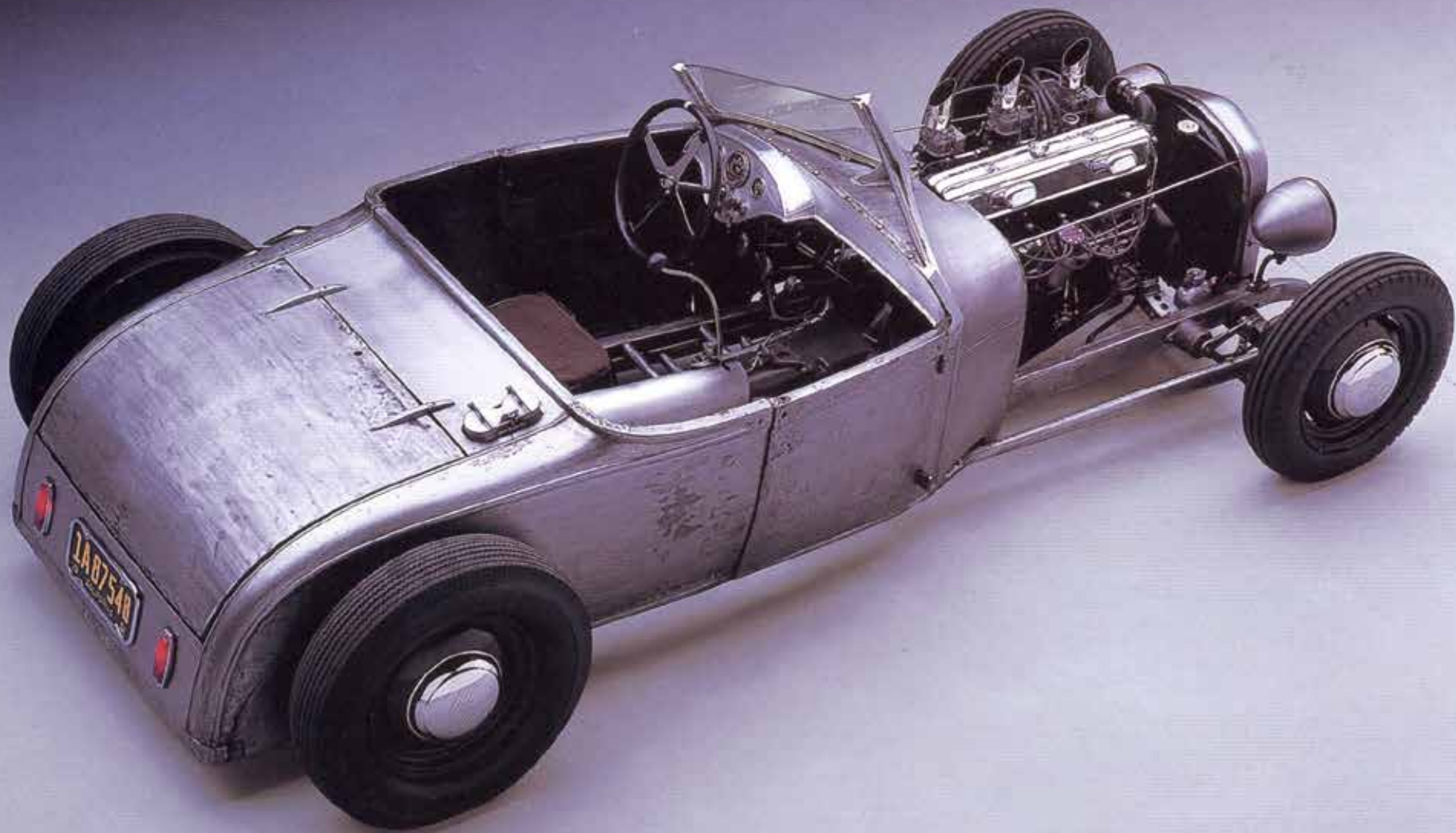
Architecture is the ultimate erotic act.
Carry it to excess and it will reveal
both the traces of reason and the sensual
experience of space. Simultaneously.

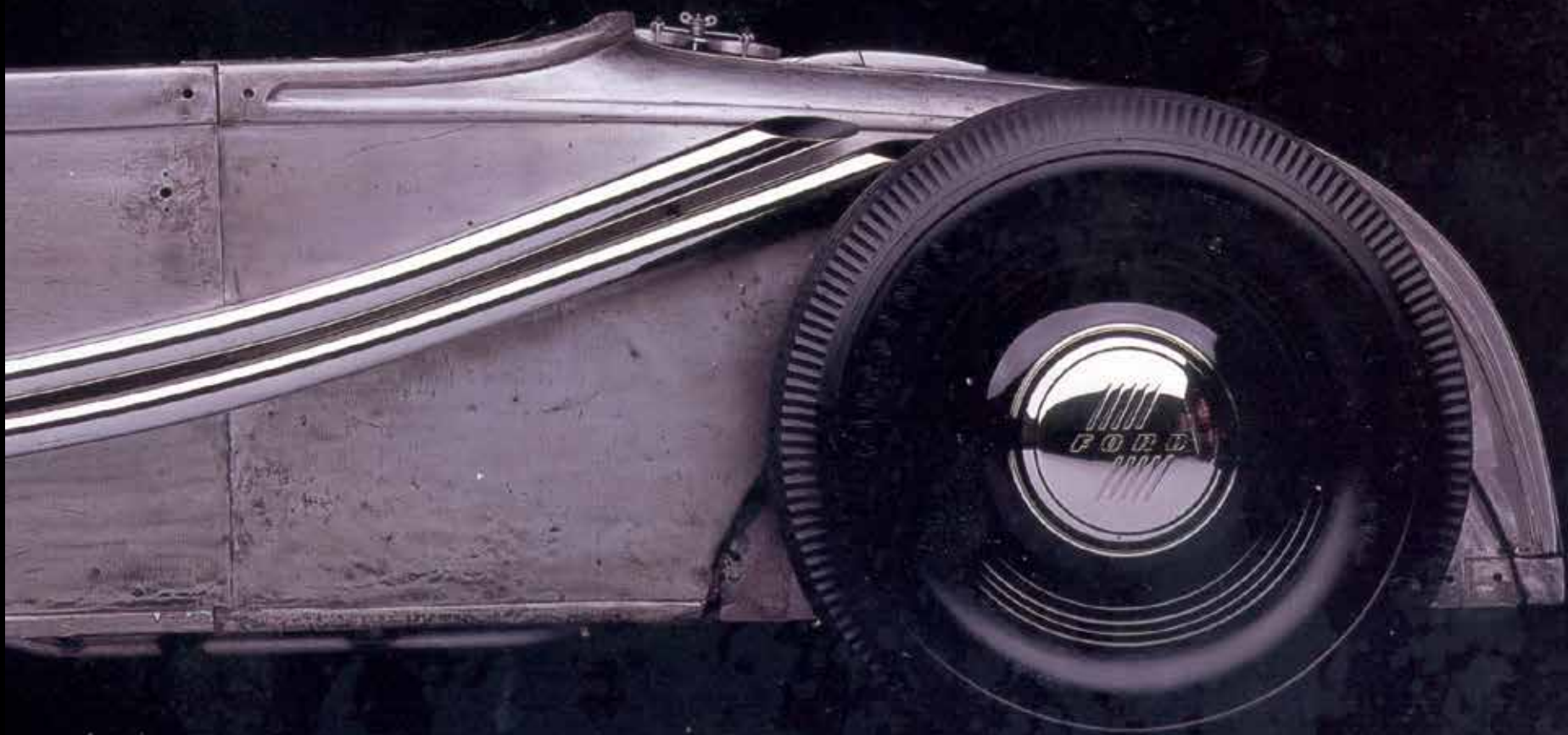


1928 - 31

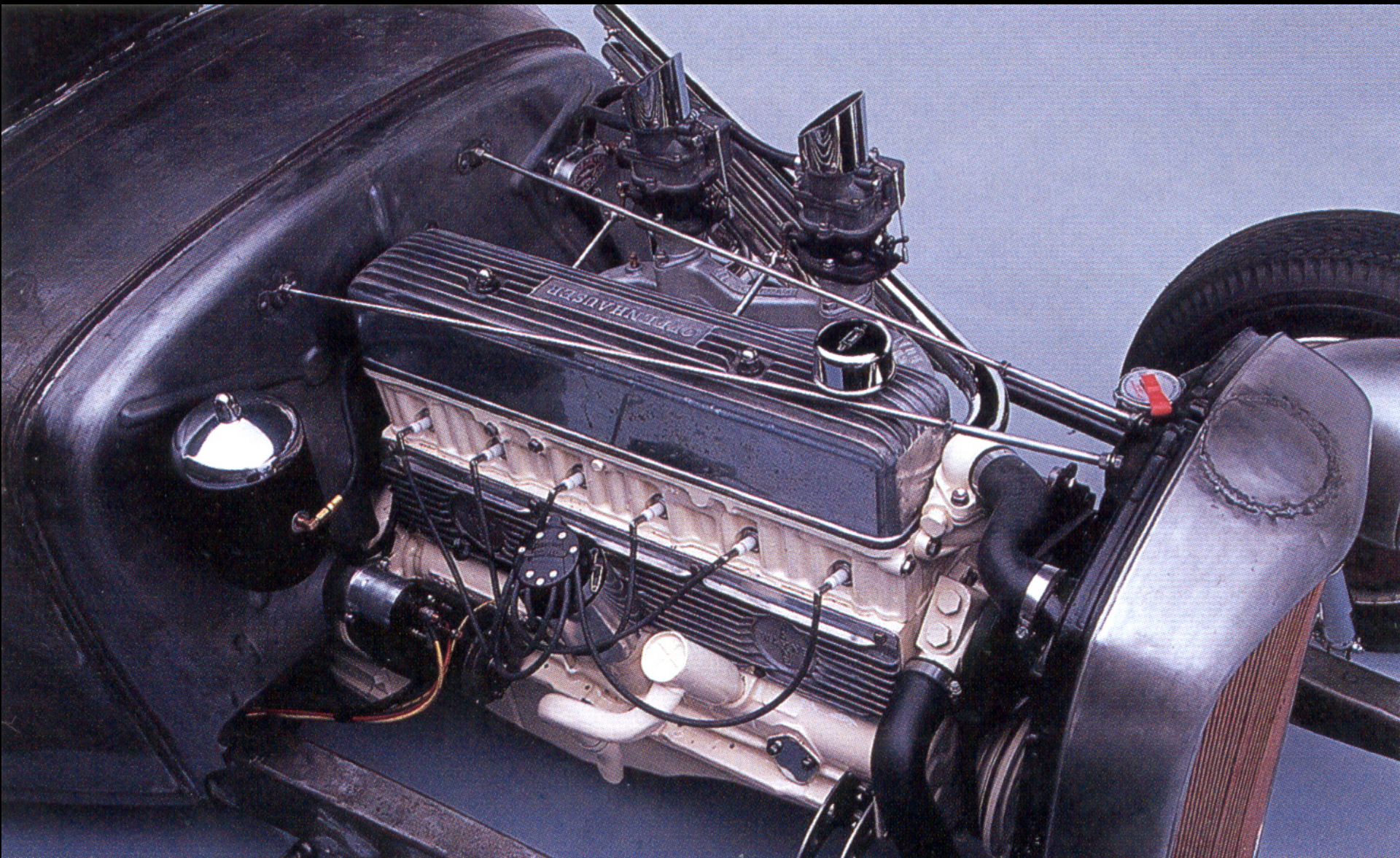


1928 - 31



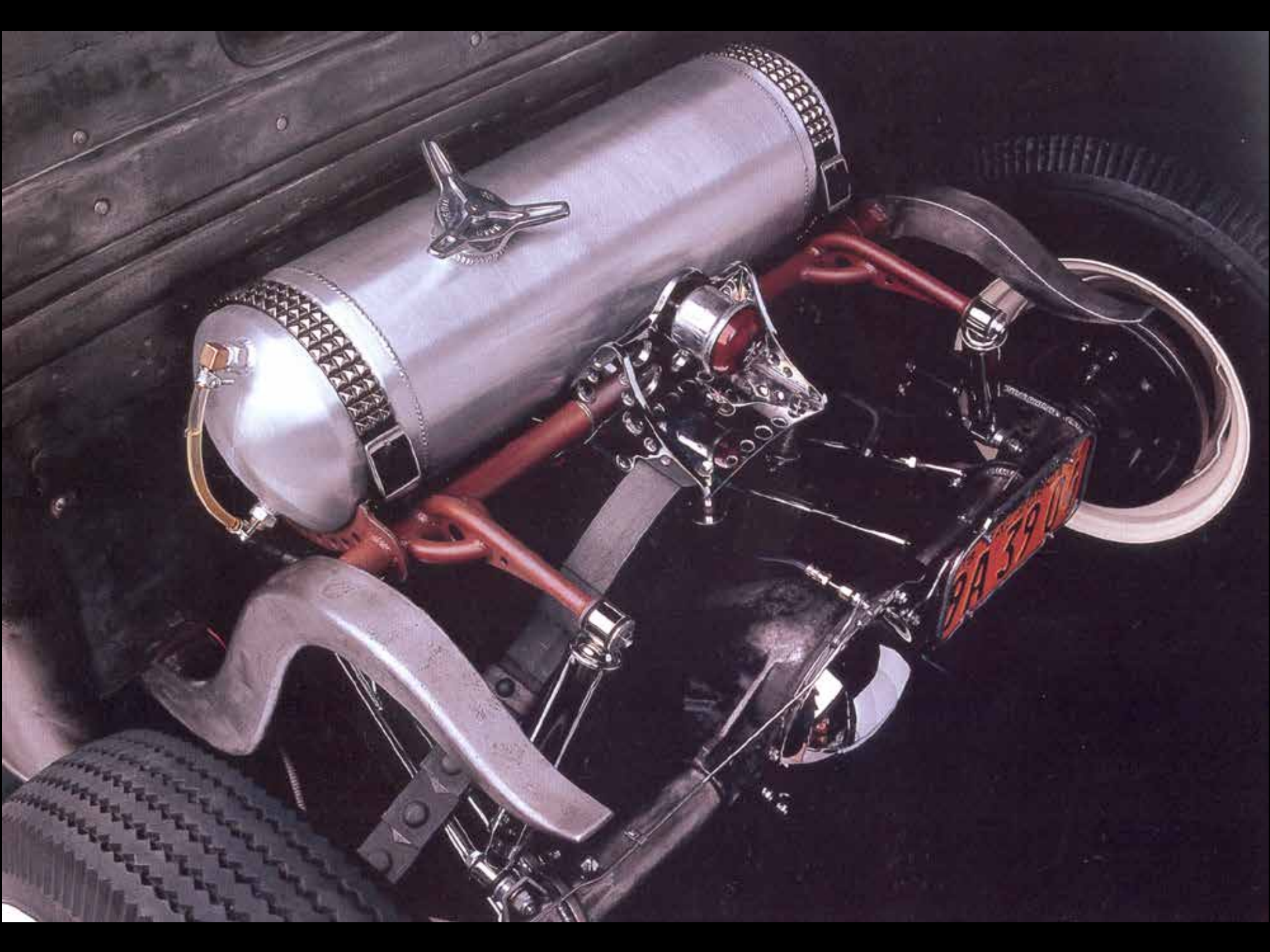


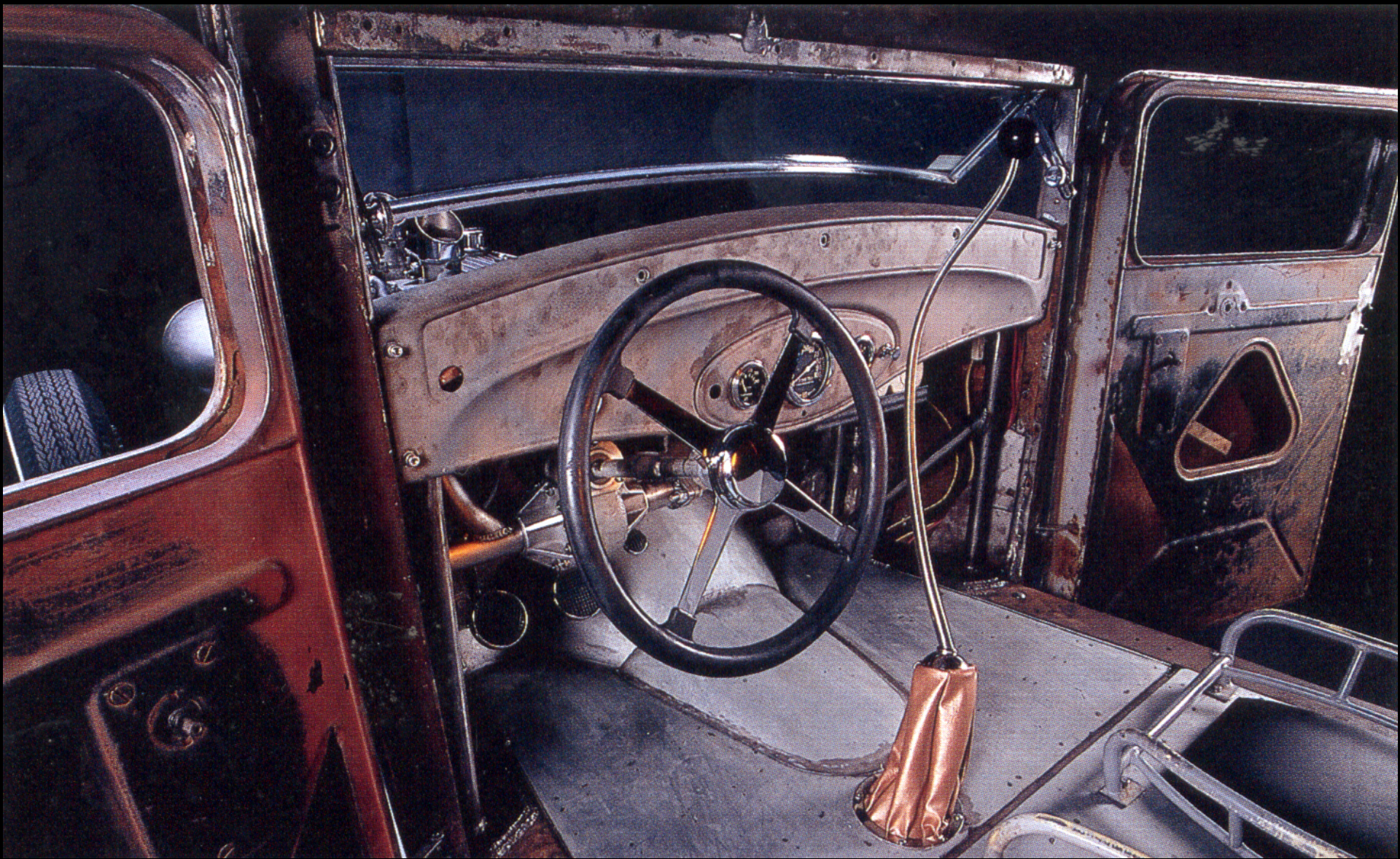


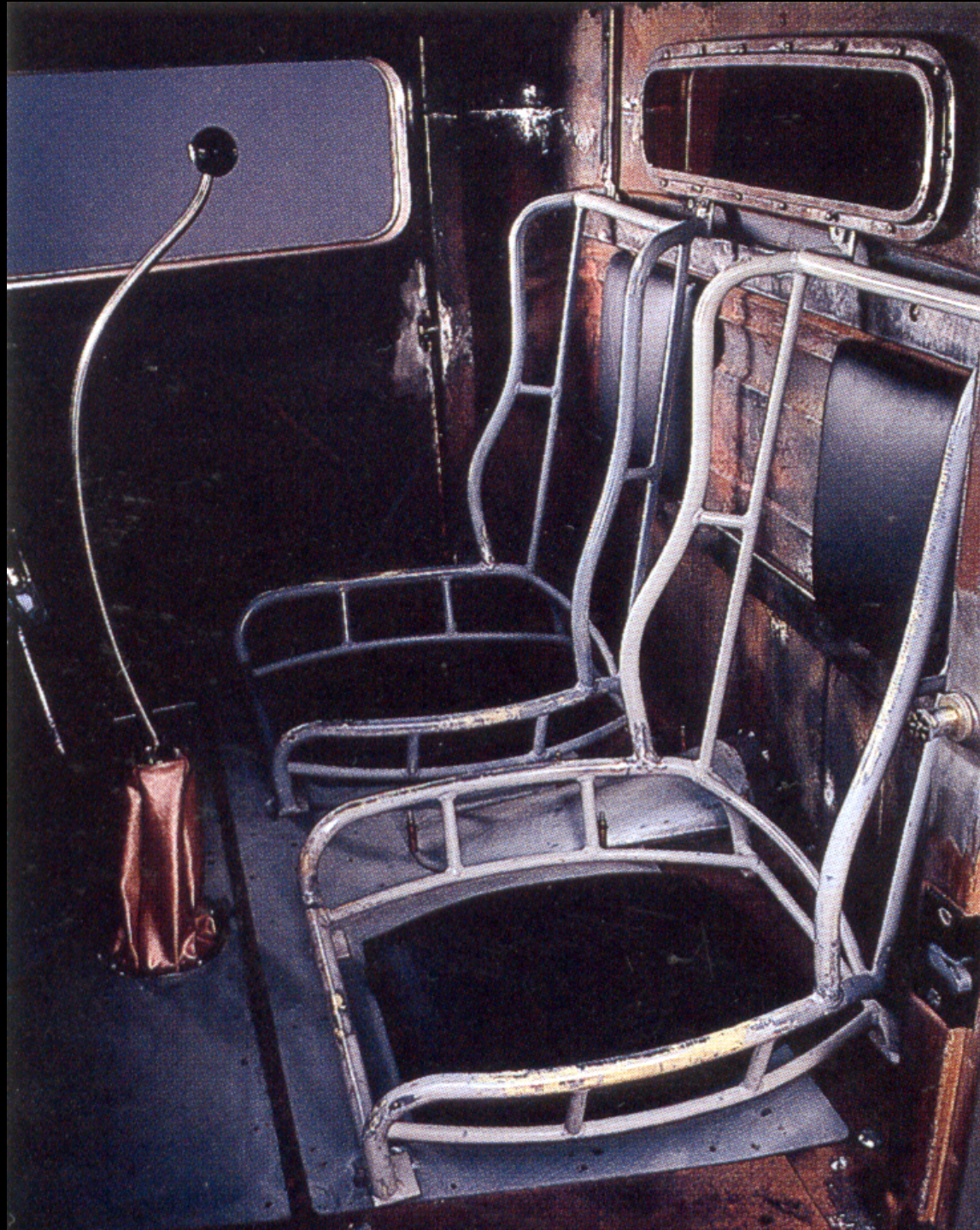


When you first look at this kooky pickup, you might think it's all akimbo, with the rear kicked up so high, the front down so low, and the body squashed in the middle. But study this profile. Follow the line from the gas tank top, through the beltline and cowl, across the valve cover, to the grille top. Now do the same thing on the bottom. Check the drag link, the frame rail, the intake manifold, even the generator—all on the same line. It's impressive. Did you notice the faired door hinges, done by some unknown San Jose lead artist years ago? Even with some chrome and store-bought parts, Reeps figures he's got well under ten grand in this rod. That's impressive, too.











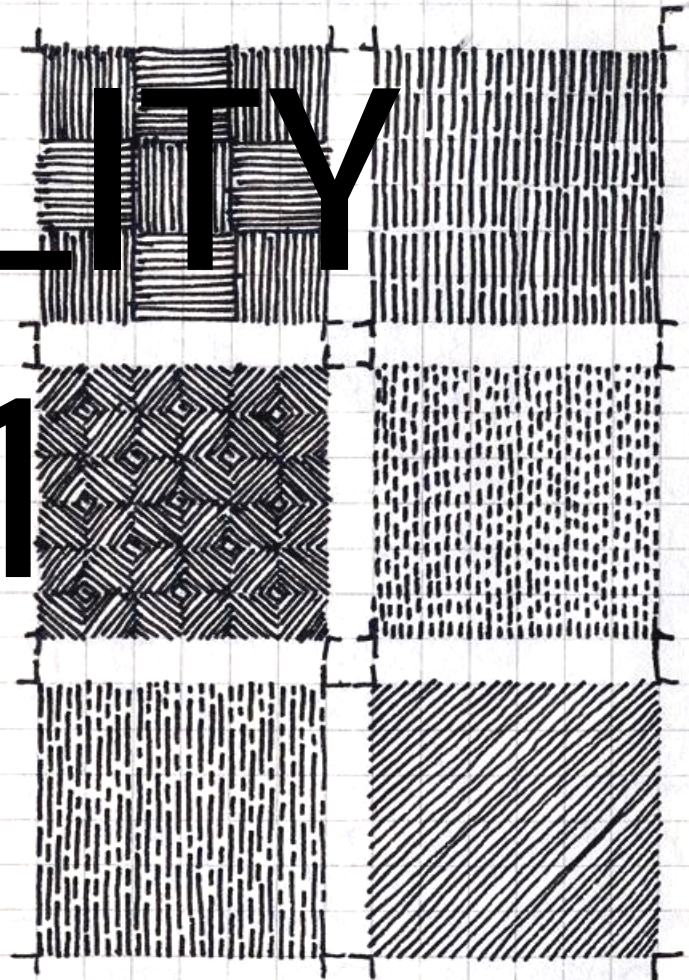
One car everyone was talking about was Jim Cherry's fabulous '40 coupe. Sporting a burnt burgundy finish that only Father Time and Mother Nature can provide, the coupe still carries the trademark attention to detail that Cherry puts in every car. The engine bay and interior were nicely detailed in a persimmon paint and chrome garnish moldings inside add a splash of brightwork.

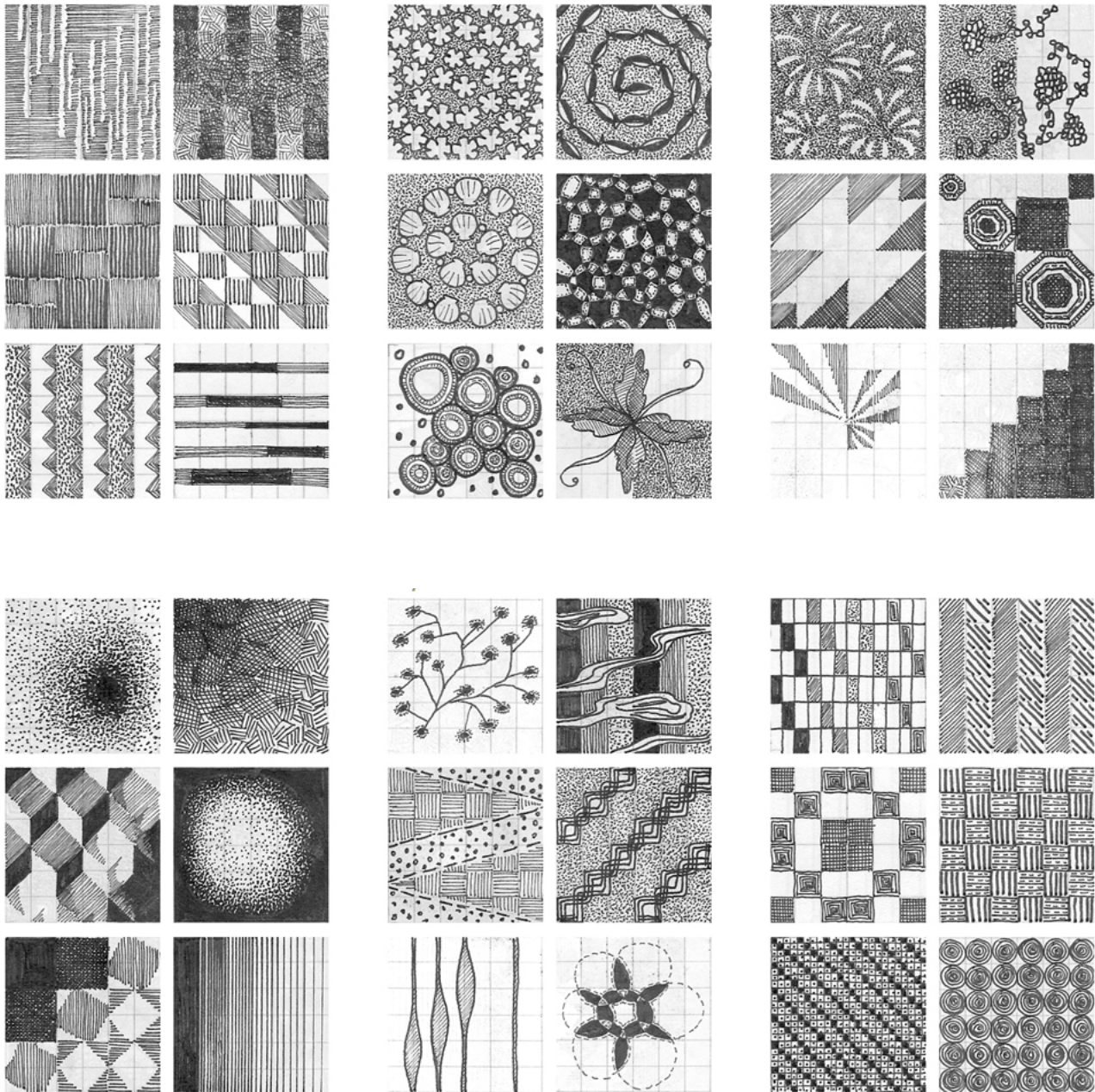
TEXTURE +

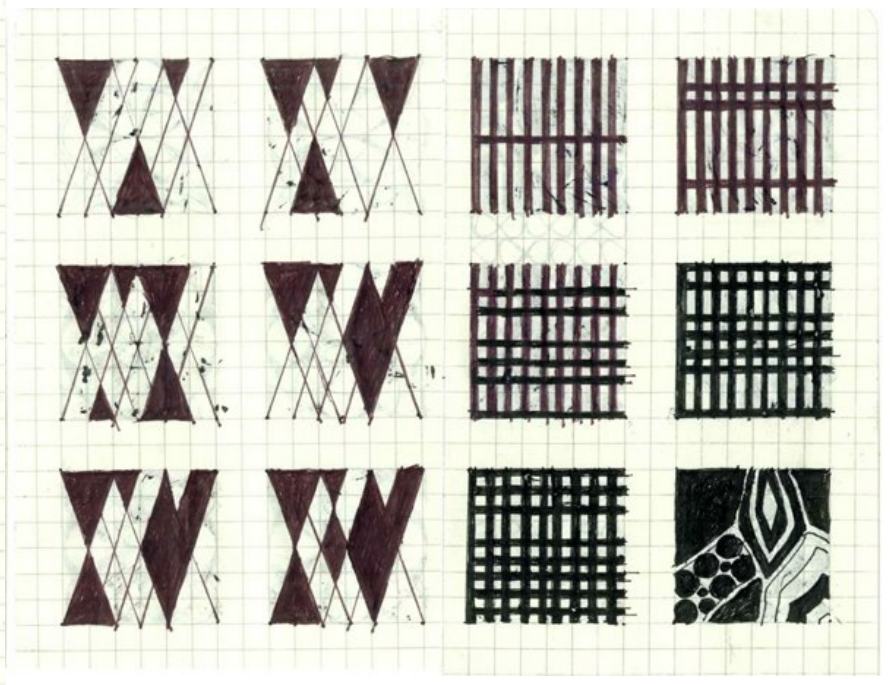
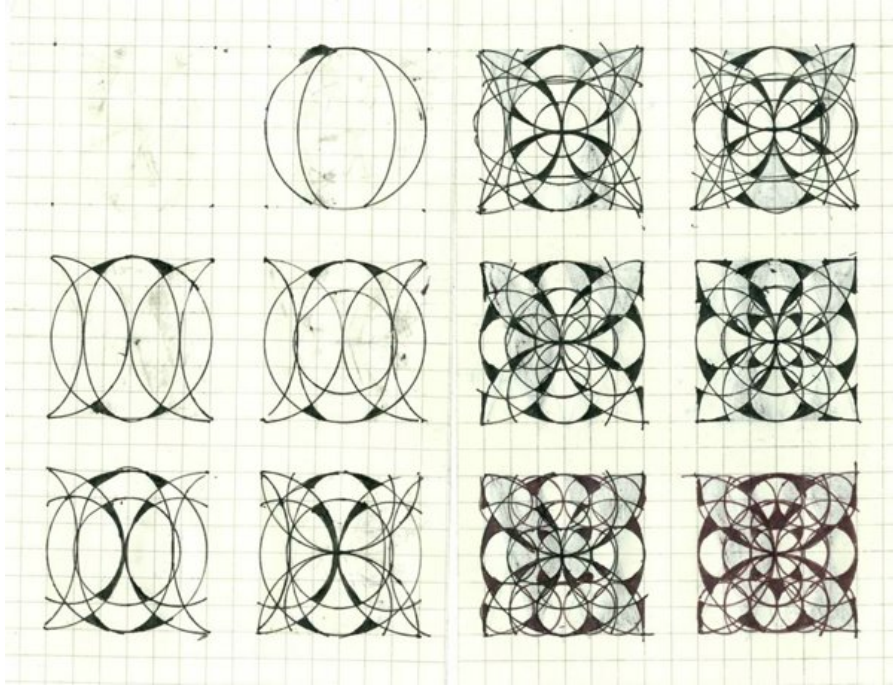
MATERIALITY

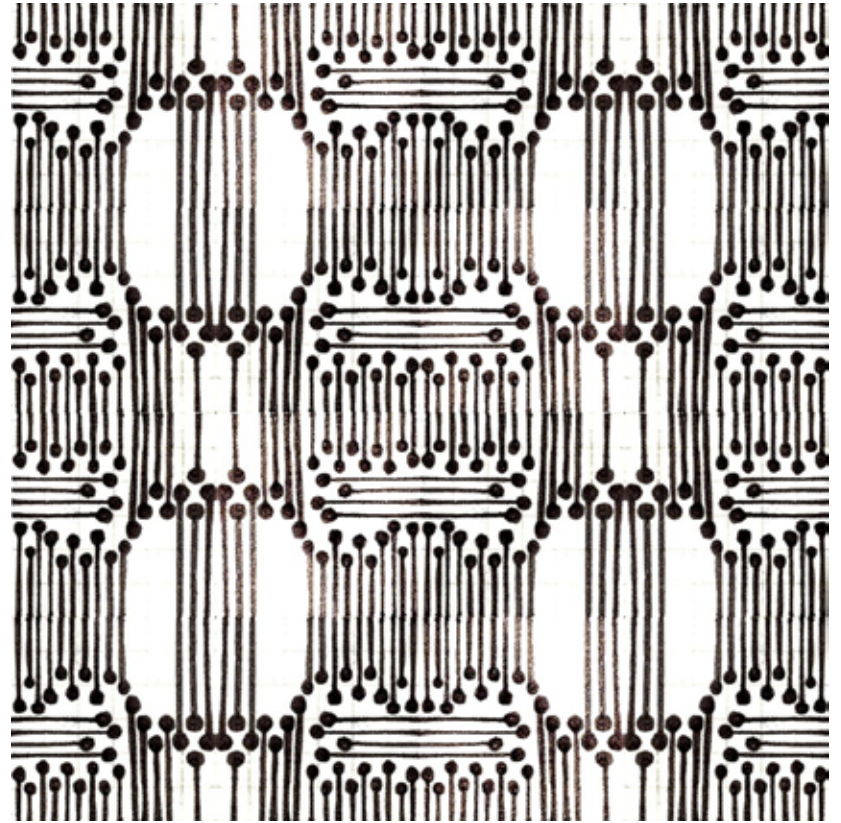
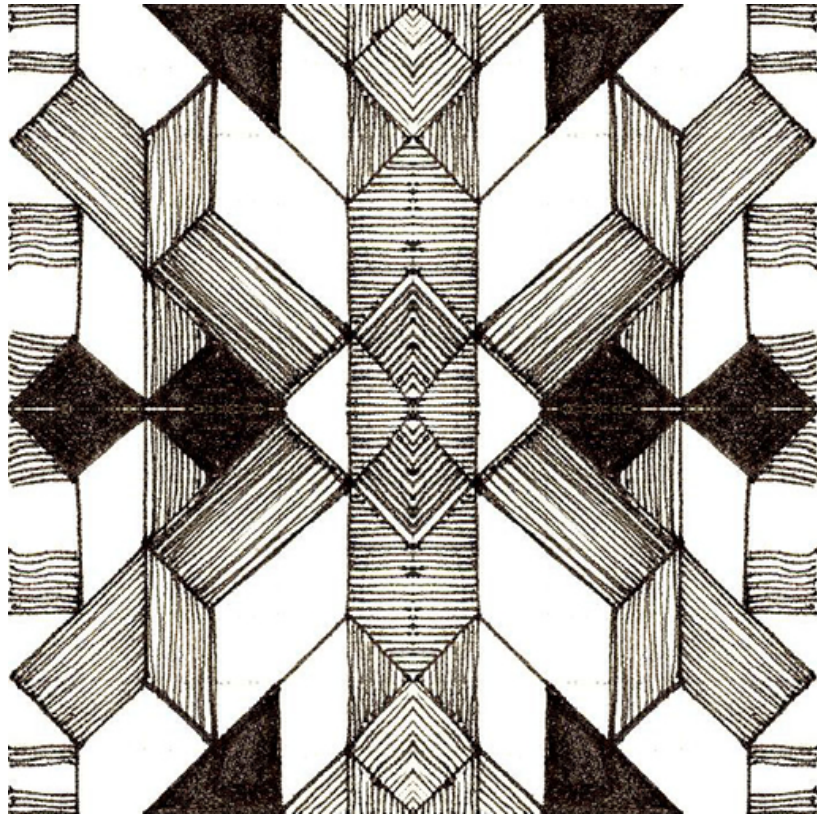
ARCH1101

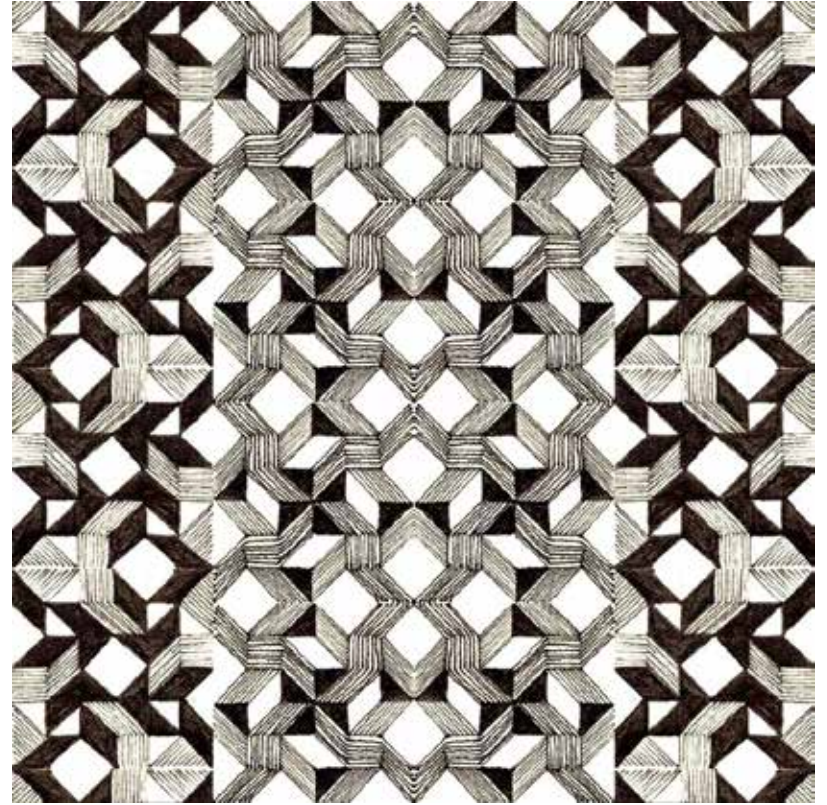
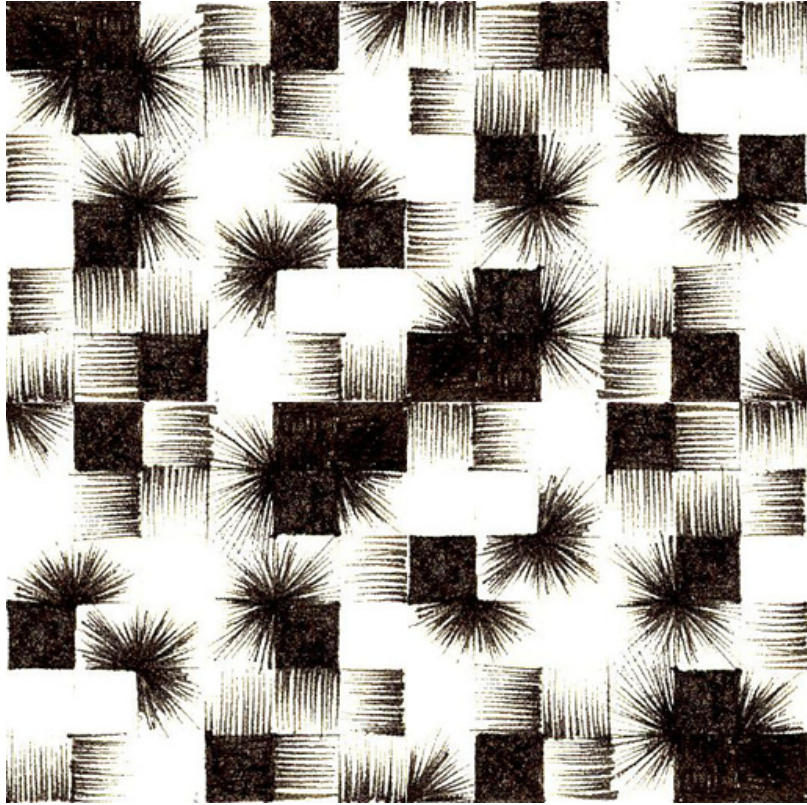
STUDIO











SKETCHUP

CUSTOM

MATERIAL

TUTORIAL

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