TEXTURE + MATERIALITY ARCH1101 LOWF

TEXTURE + MATERIALITY ARCH1101 HARKINS

DEFINITIONS MATERIAL/IMMATERIAL **MAPPING** TEXTURE PARAMETERS BENEATH THE SURFACE TEXTURE + GEOMETRY STUDENT WORK SKETCHUP TUTORIAL

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).

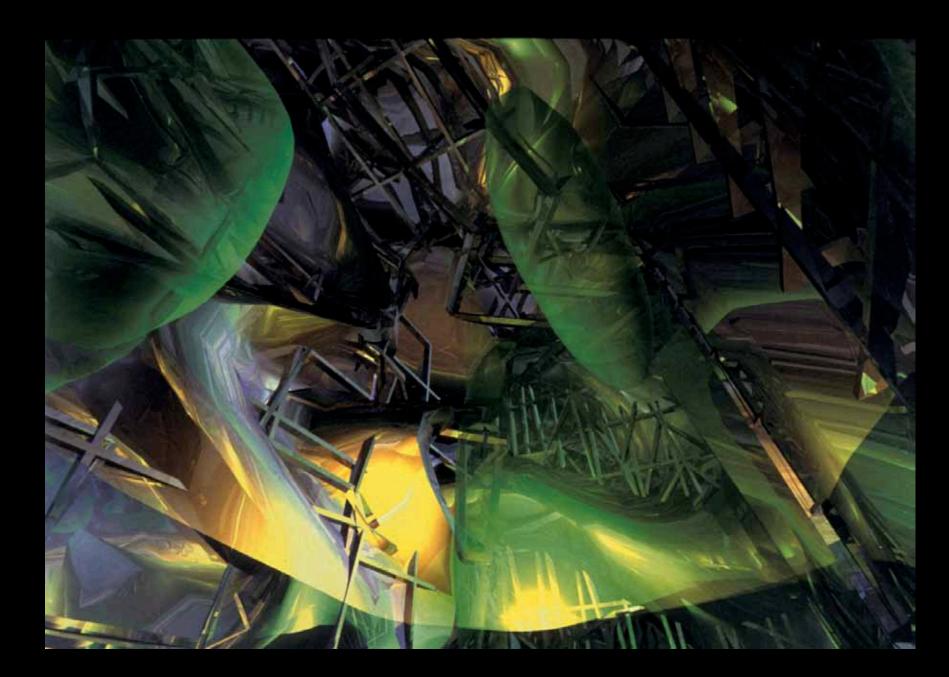
Being both relevant and consequential; crucial: *testimony material to the inquiry.* See Synonyms at <u>relevant</u>.

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

materiality

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

MATERIAL/ IMMATERIAL

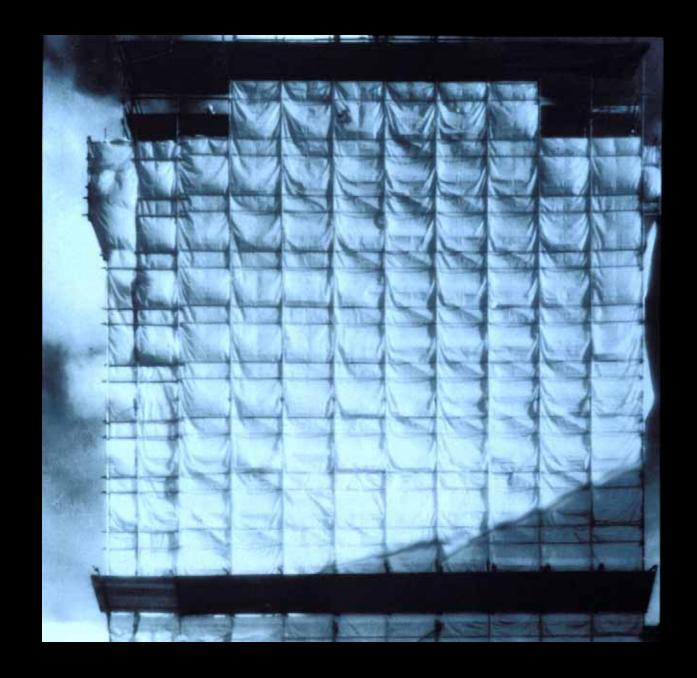








CONGREXPO. EURALILLE. OMA. REM KOOLHAAS.





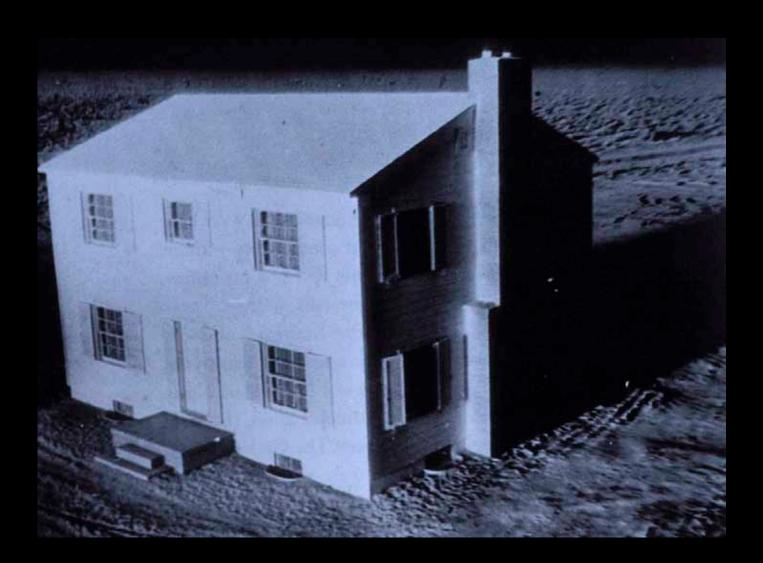


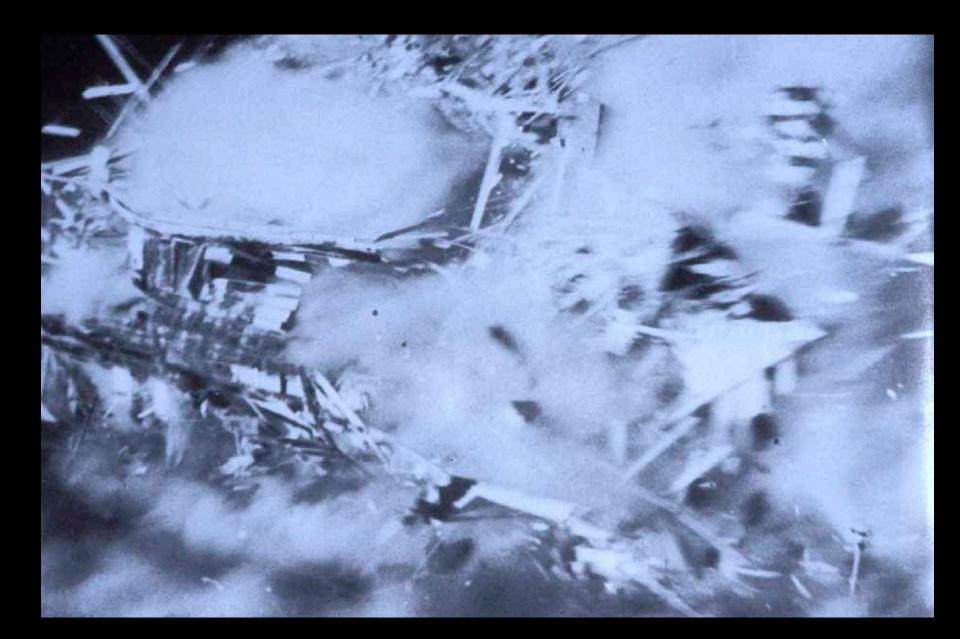




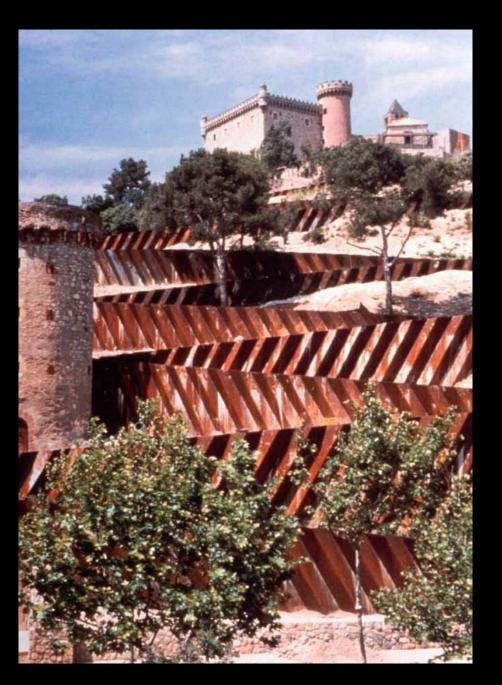
















ANDY GOLDSWORTHY



PETER ZUMTHOR.
THERMAL BATHS. VALS.
SWITZERLAND





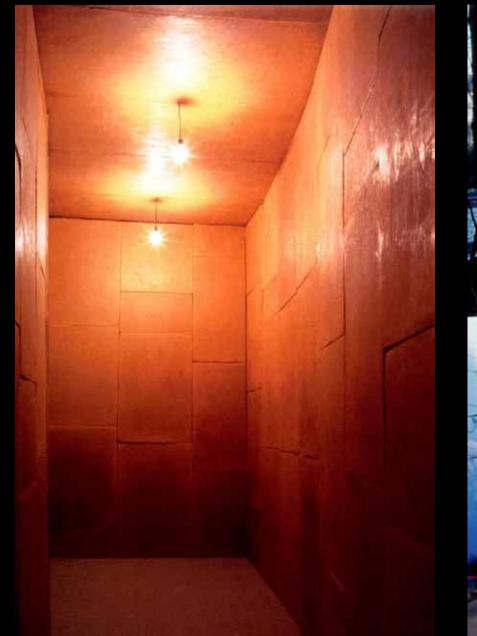


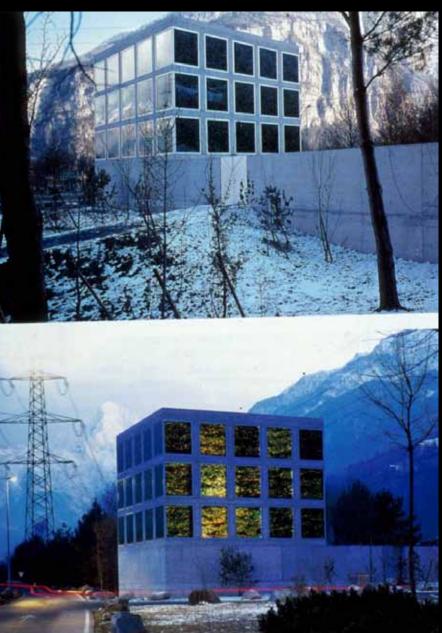
BARCELONA PAVILION. MIES VAN DER ROHE.





EURALILLE SHOPPING CENTER. JEAN NOUVEL.











JEFF KOONS







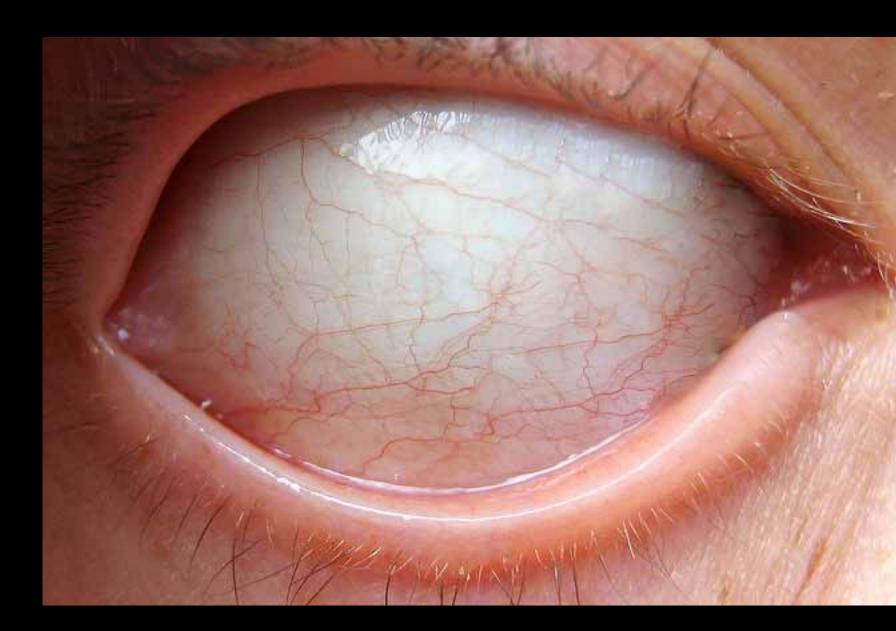


COOP HIMMELBLAU

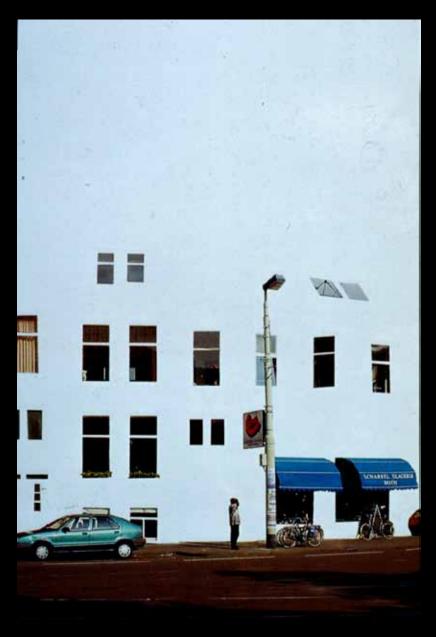
















HERZOG AND DE MEURON





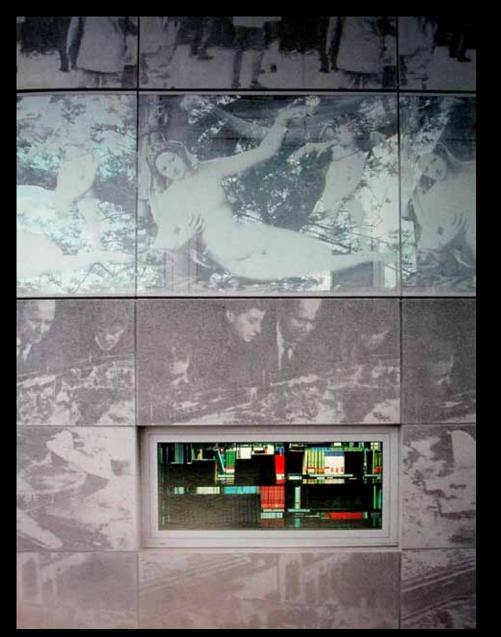








HERZOG AND DE MEURON









ANISH KAPOOR





MAPPING



ACROSS THE AMERICAN LANDSCAPE. JAMES CORNER.



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





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









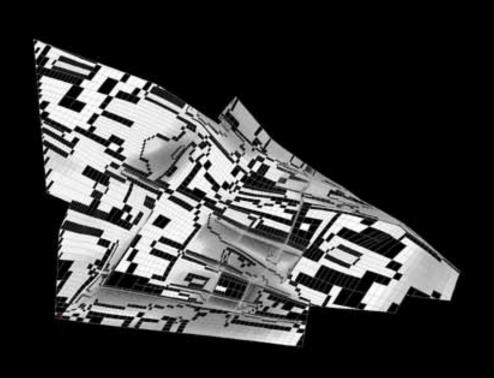




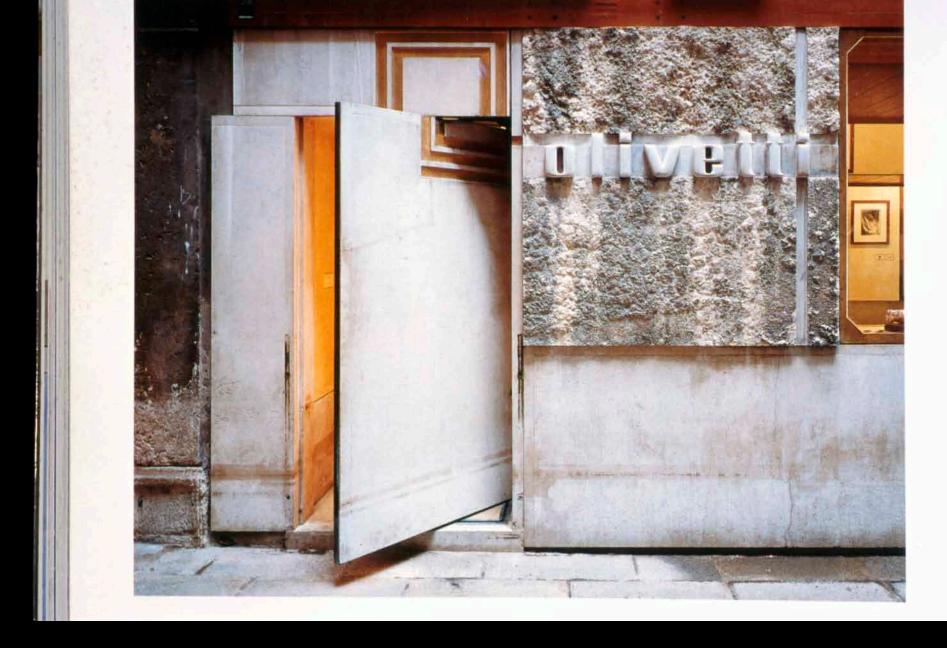
TATE. MODERN. LONDON. HERZOG AND DE MEURON



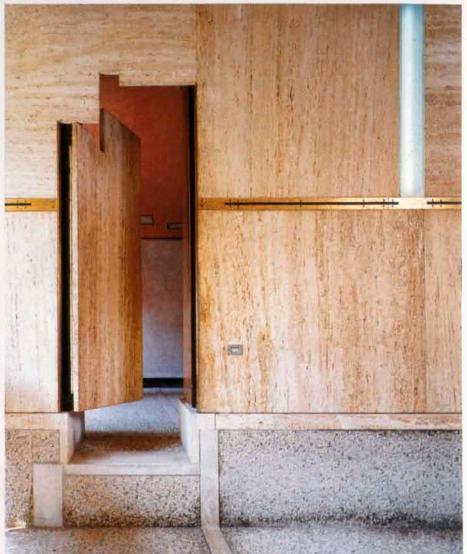




ZAHA HADID: http://www.zaha-hadid.com/

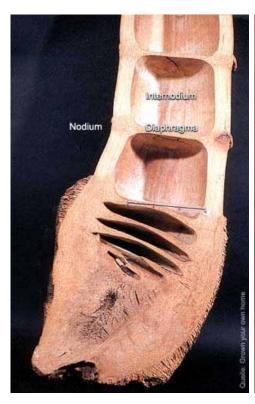






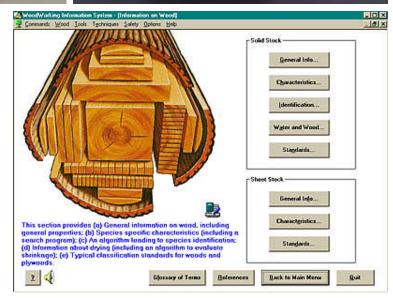


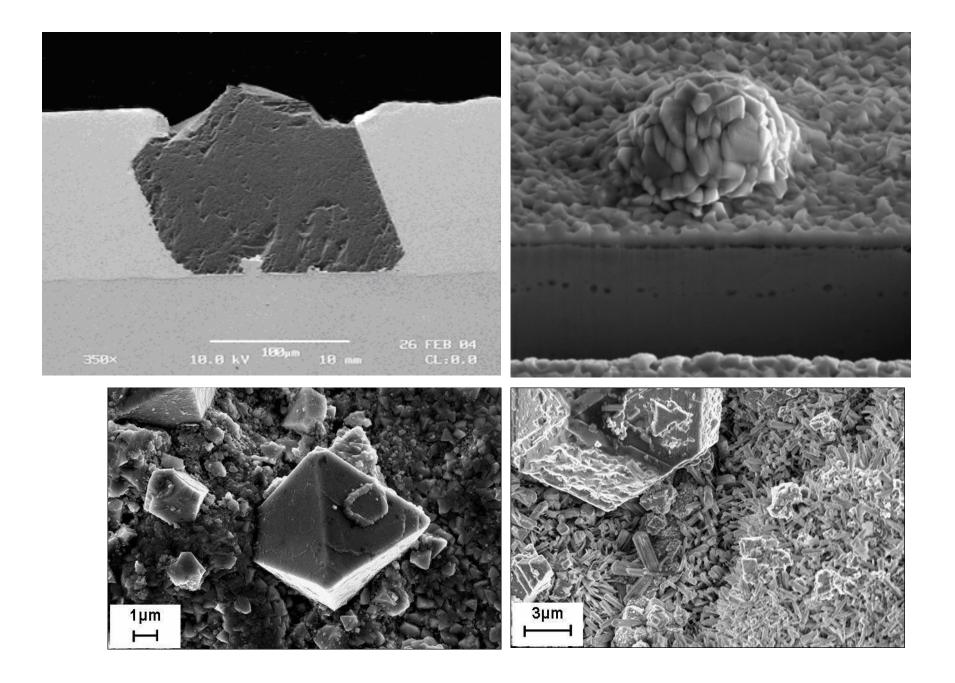
BENEATH THE SURFACE

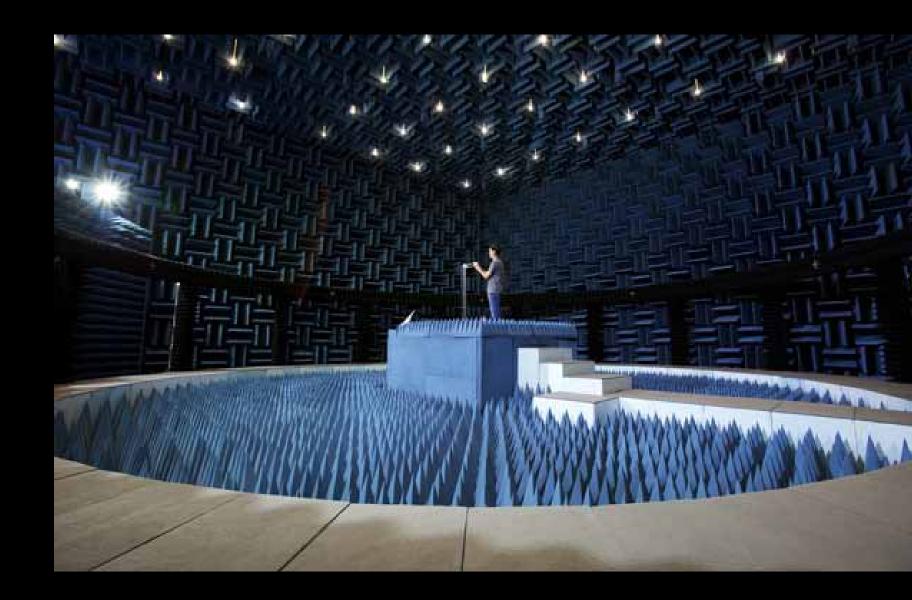














TEXTURE PARAMETERS

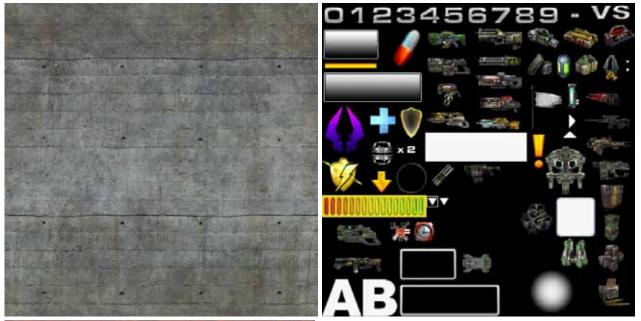


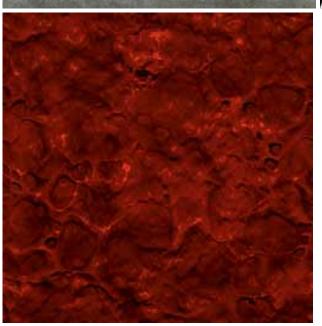












PIXEL DIMENSIONS
IN POWERS OF 2
128 x 128
512 x 512
1024 x 1024

ARCH1101 512 x 512 FILE TYPE = *.JPG

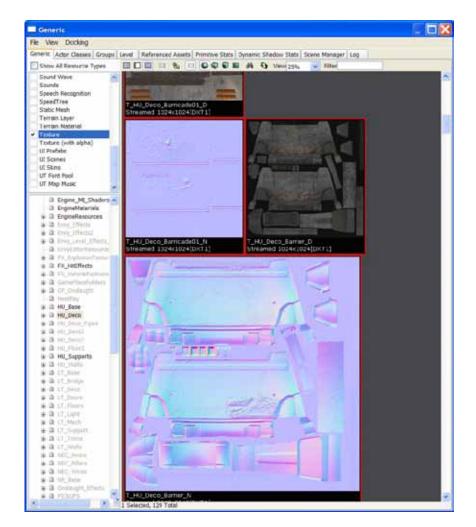


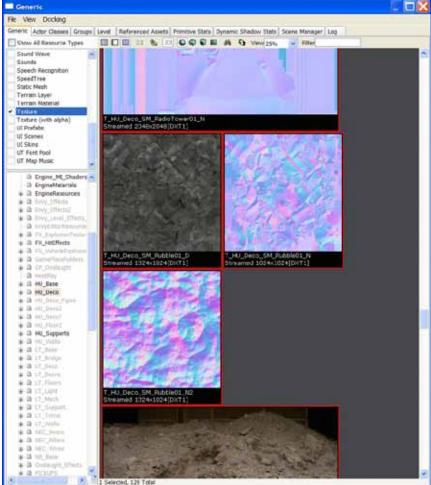


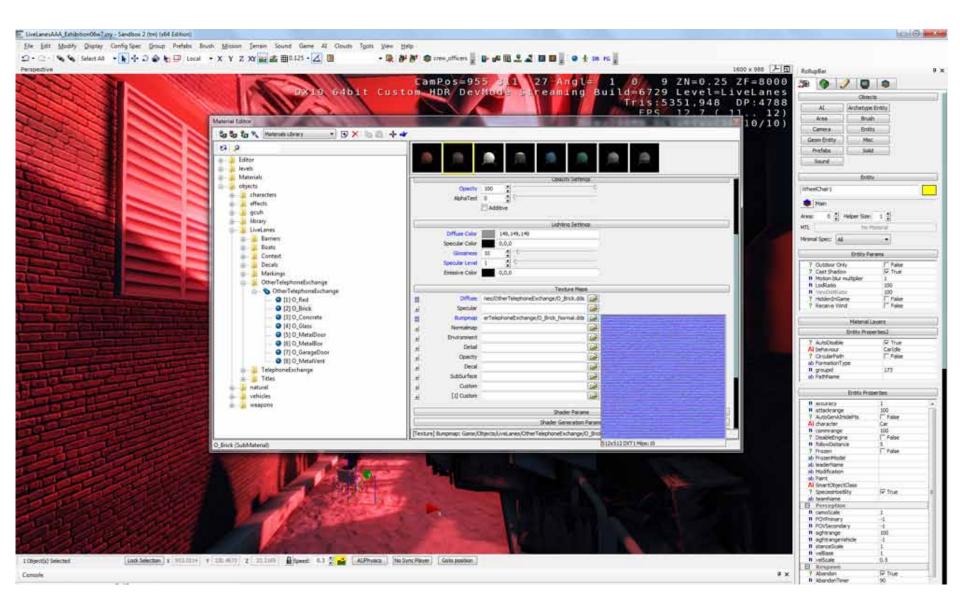
UT2004. EPIC GAMES.











TEXTURE + GEOMETRY

TFXTURE + GEOMETRY = MATERIALITY





VICE

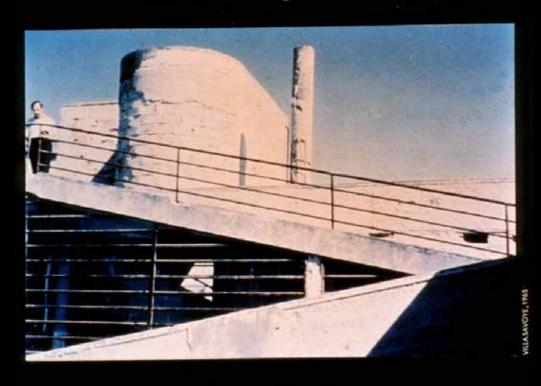
This guy's ex-girlfriend kept trying to get us to put him in the DON'Ts because apparently he looks like a homeless Willy Wonka, but fuck that. When you work this hard on your look it shows that you're not too cool for school, you're not scared of being laughed at, and you're here to participate!







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



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.

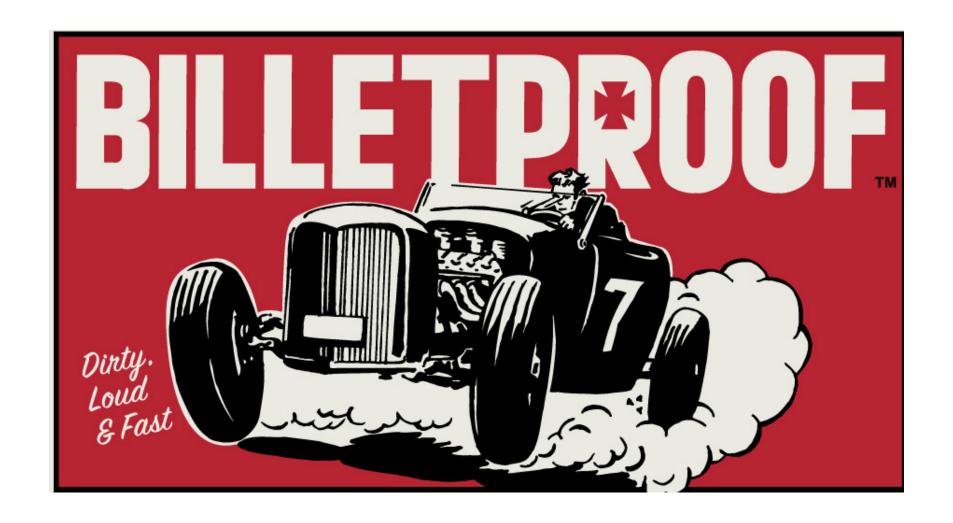
VILLA SAVOY. POISSY, PARIS. LE CORBUSIER.

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



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.



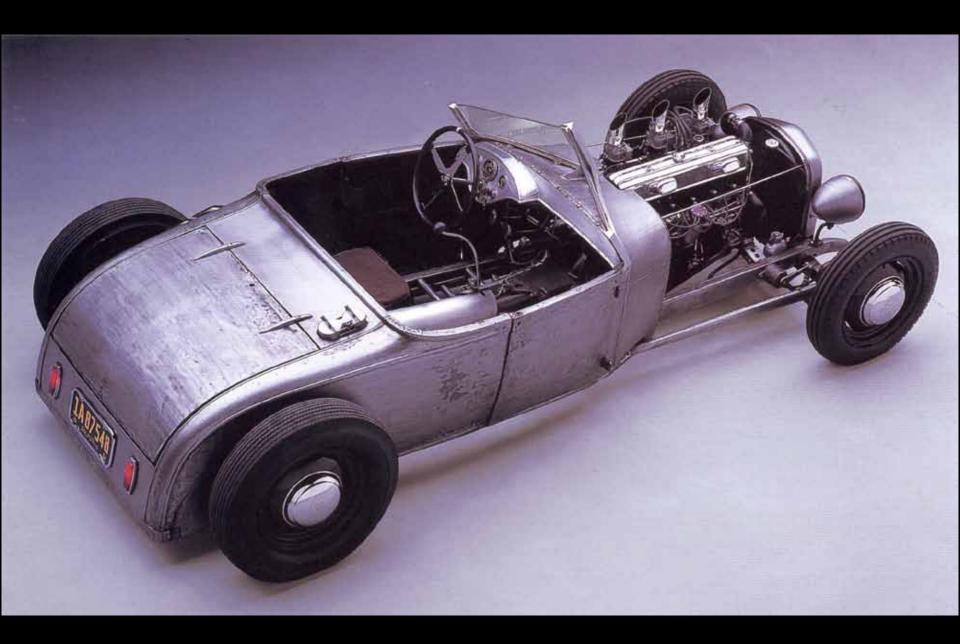


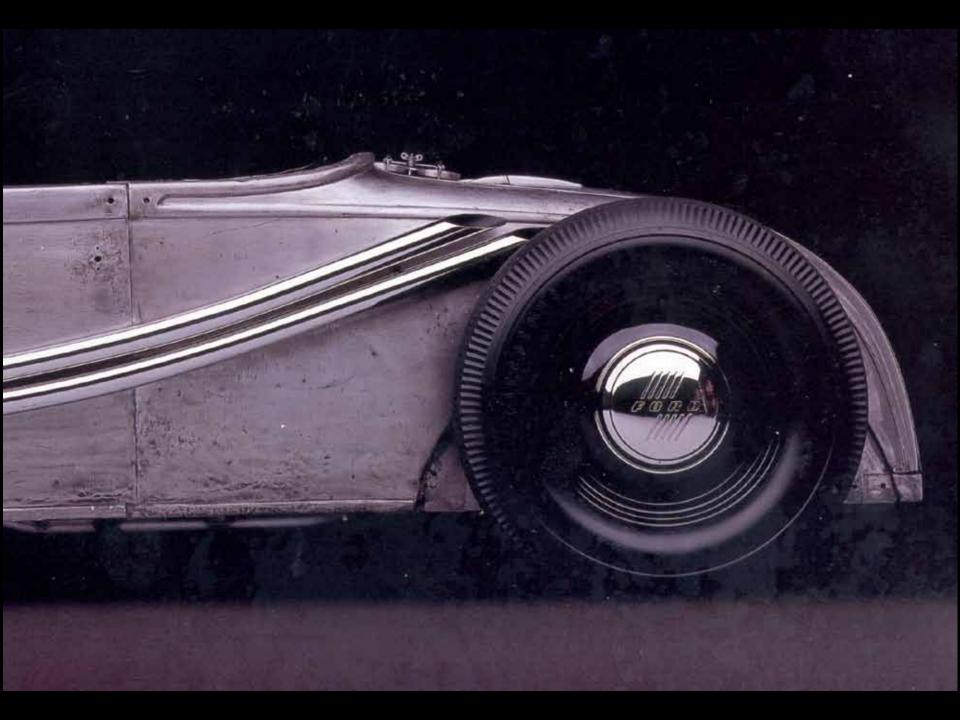


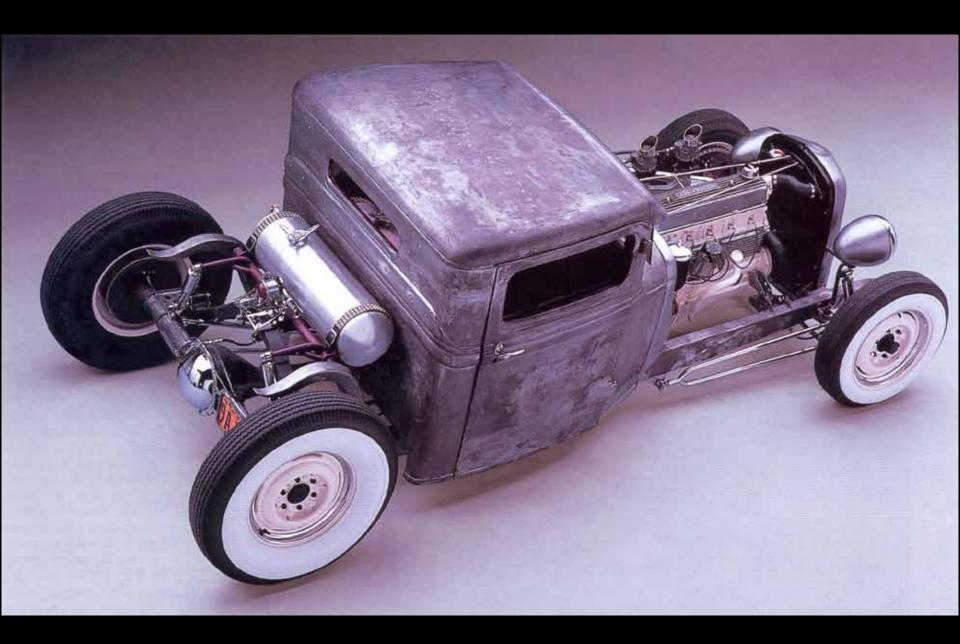


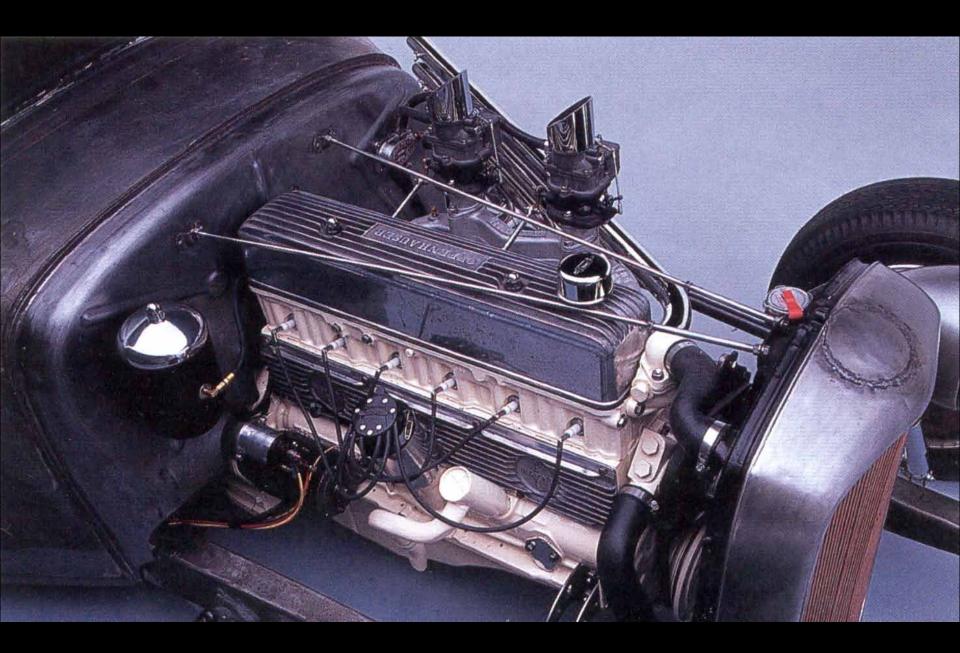


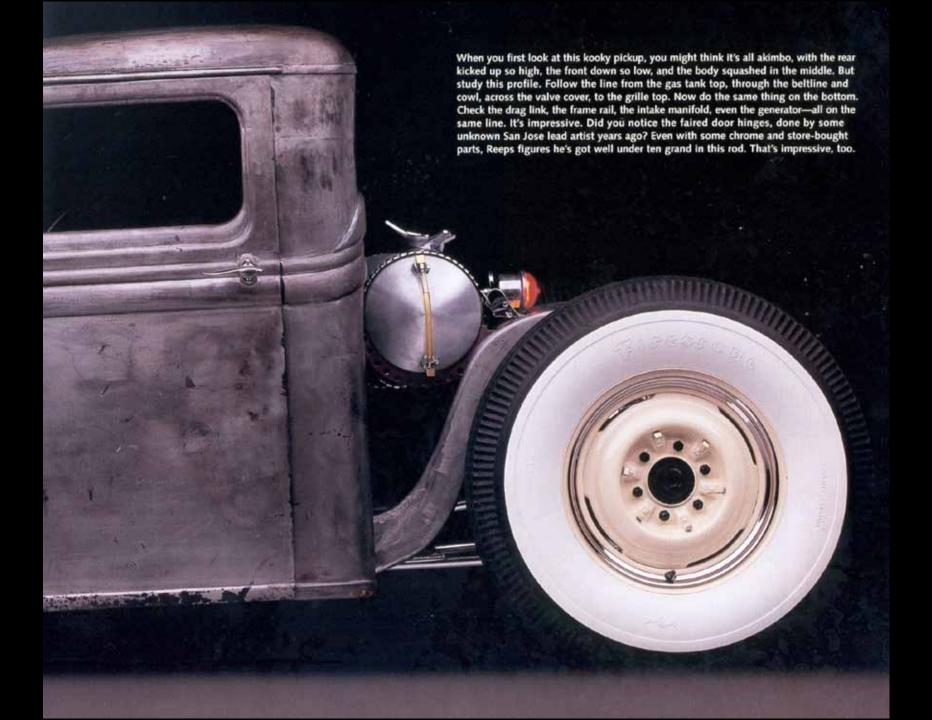
One car everyone was talking about was Jim Cherry's fabulous '40 coupe. Sporting a burnt burgundy finish that only Father Time and Mother Nature can provide, the coupe still carries the trademark attention to detail that Cherry puts in every car. The engine bay and interior were nicely detailed in a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

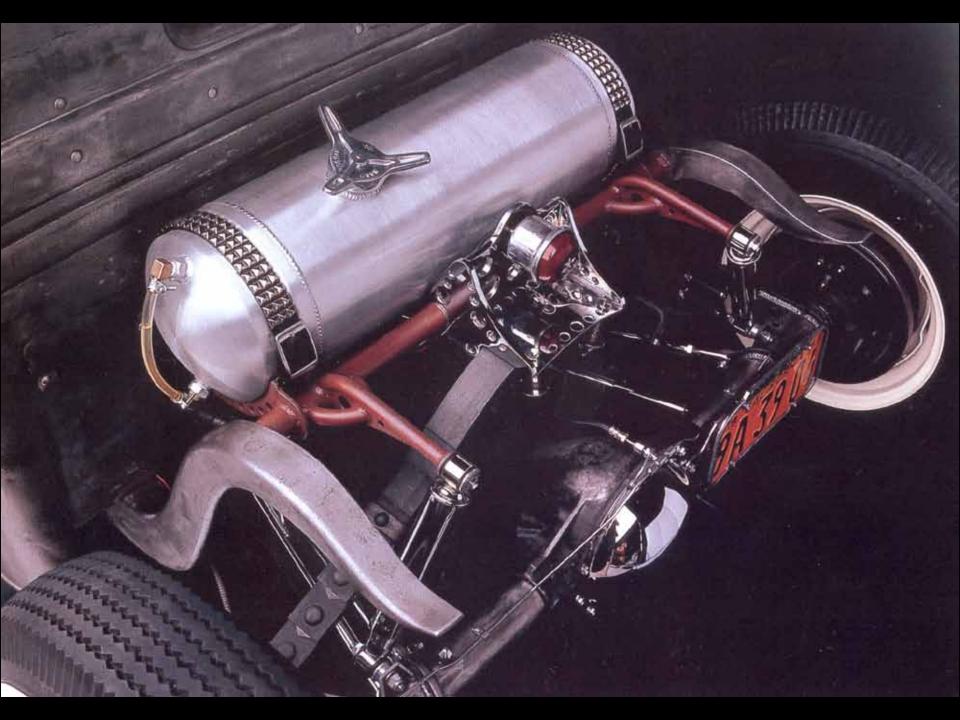










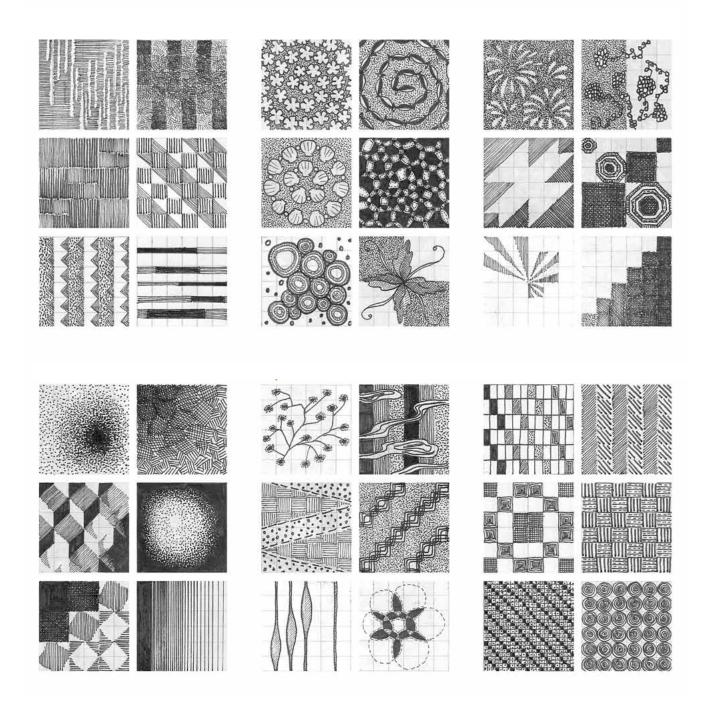


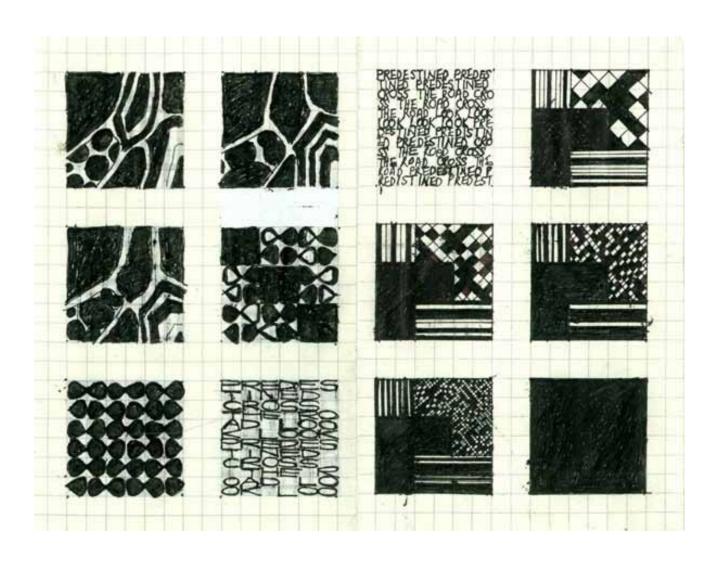


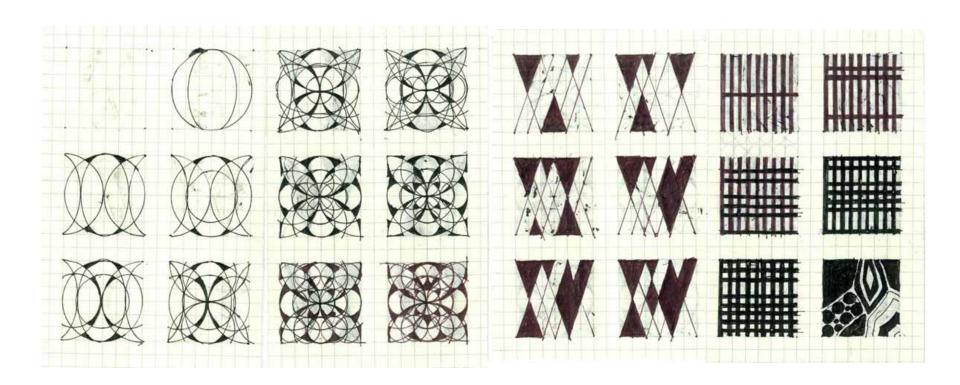


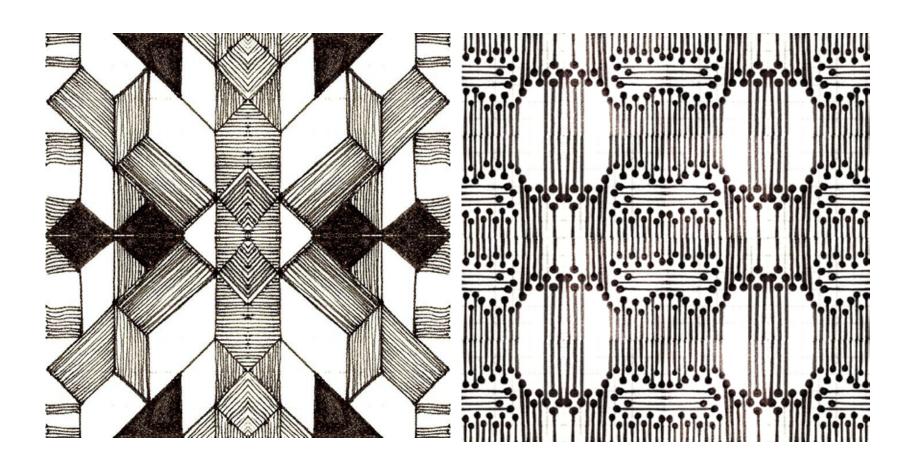


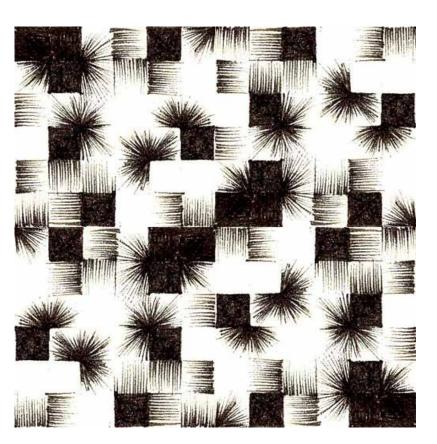
TEXTURE + MATERIAL ARCH1101 STUDIO

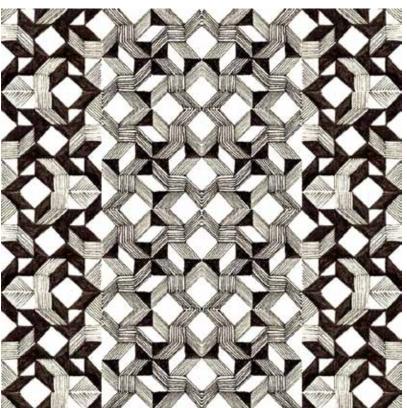












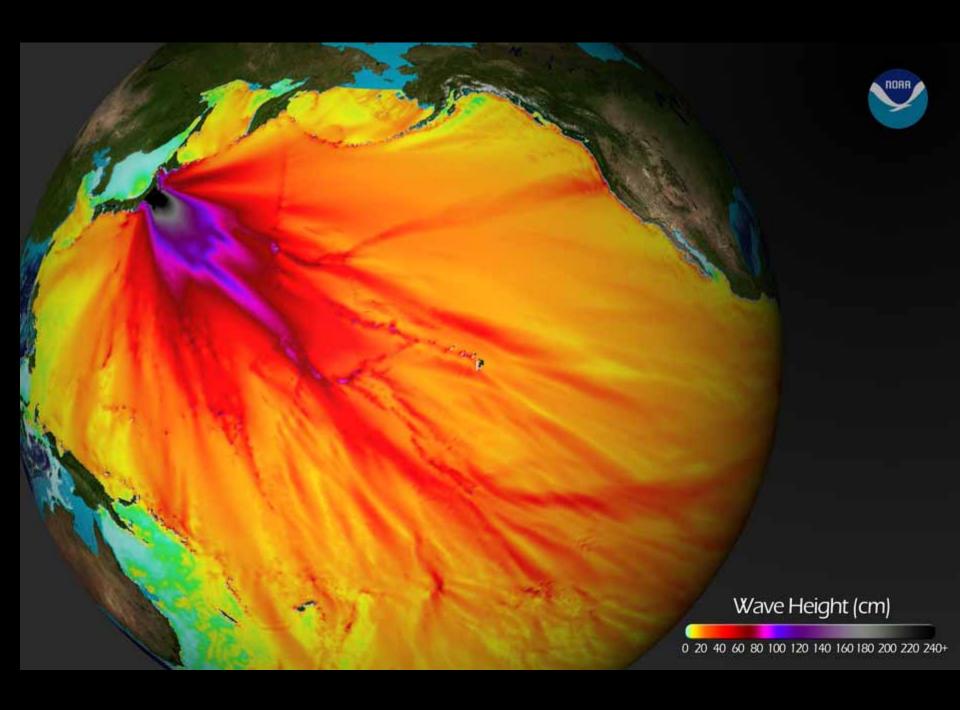
SKETCHUP CUSTOM MATERIAI TUTORIAL



SKETCHUP MODELING TUTORIALS

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 artists 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 modeling and texturing objects in SketchUp. Jeremy Harkins will also demonstrate some advanced SketchUp techniques at some point during the class.
- IMPORTANT!: We will be having a student rep meeting at 4pm in the forum space at the end of level 5, so please let your tutorial representative know of any issues you'd like them to raise with me before then.



QUESTIONS?