

# MATERIALITY

3D – 2D – 1D architectural exemplars



Andrea Andreuccetti's photos on  
Flickr. Andrea Andreuccetti  
Castelvecchio – Carlo Scarpa  
<https://www.pinterest.nz/pin/78320480996556929/>

**Architectural  
works  
– exemplars**

**3D – 2D – 1D**

**mass,  
planar  
linear  
compositions**



Covered courtyard for the exhibition of sculptures, central biennale pavilion, Venice 1950-1952.

Photo by [seier+seier](#) on [flickr](#)

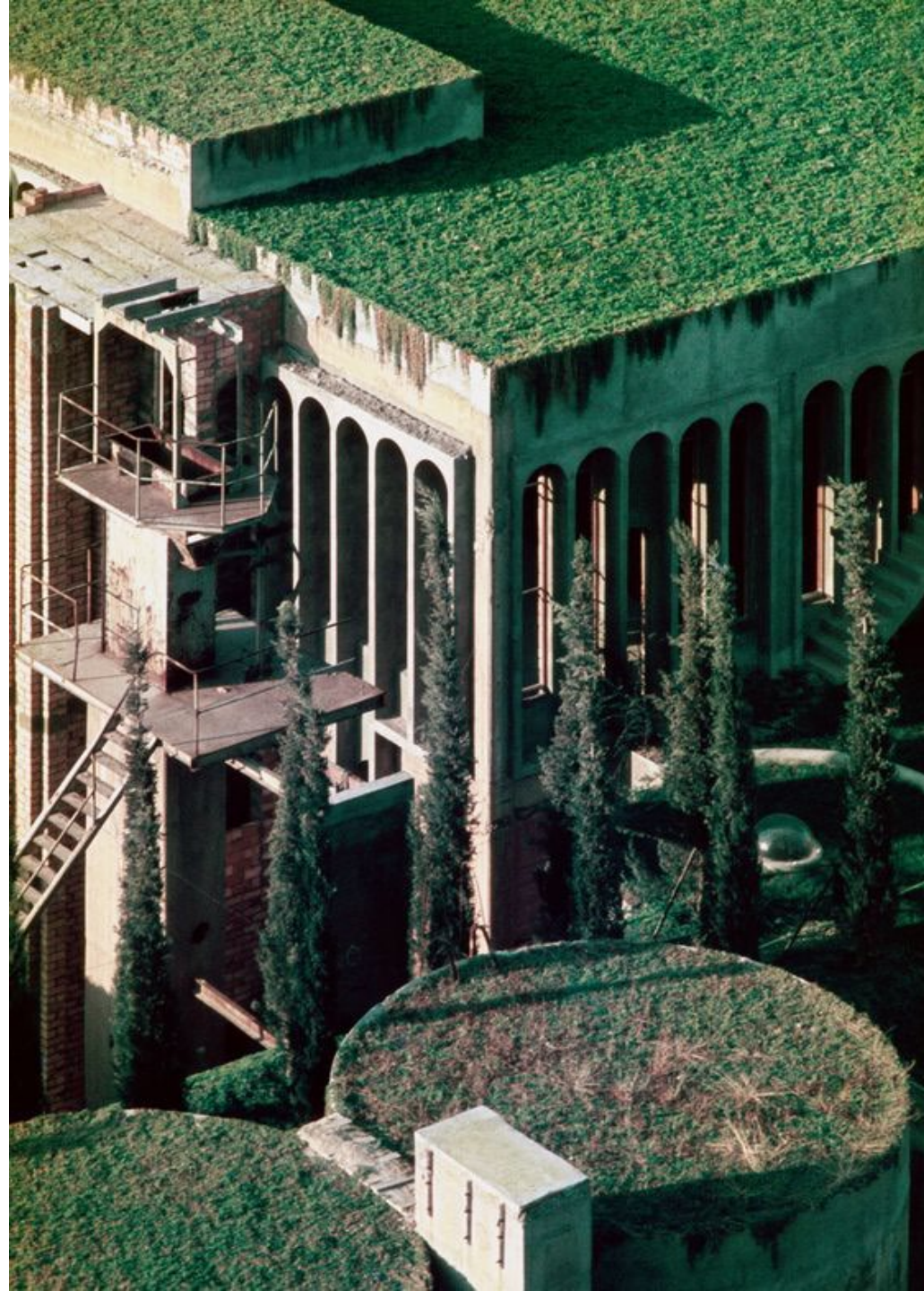
<https://www.pinterest.nz/pin/78320480996556929/>



Olivetti Showroom - Carlo Scarpa - Venice – 1958

<https://b22-design.tumblr.com/post/73629559274/olivetti-showroom-carlo-scarpa-venice-1958>





Built from an architecturally-evolving cement factory from WWI, la fabbrica takes on new life as the renovated studio and home of ricardo bofill  
<https://www.designboom.com/architecture/ricardo-bofill-la-fabrica-barcelona-spain-02-25-2017/>



[Peter Zumthor's stilted Zinc Mine Museum captured in photography by Aldo Amoretti](#)



Peter Zumthor and Louise Bourgeois's Steilneset memorial to the victims of witch trials  
<http://www.arch2o.com/steilneset-memorial-peter-zumthor-louise-bourgeois/>



<https://nordnorge.com/en/artikkel/the-witch-monument-in-vardo-is-in-memory-of-the-91-witch-trial-victims/#&gid=2&pid=2>

image@ Jarle Waehler, Staten vegvesen





**Jean-Marie Tjibaou Cultural Centre (Renzo Piano)**

View of seven of the Tjibaou Cultural Centre pavilions, spanning roughly half the entire complex, from the facing sea.

[https://en.wikipedia.org/wiki/Jean-Marie\\_Tjibaou\\_Cultural\\_Centre#/media/File:Egrant-190-91.jpg](https://en.wikipedia.org/wiki/Jean-Marie_Tjibaou_Cultural_Centre#/media/File:Egrant-190-91.jpg) Image by

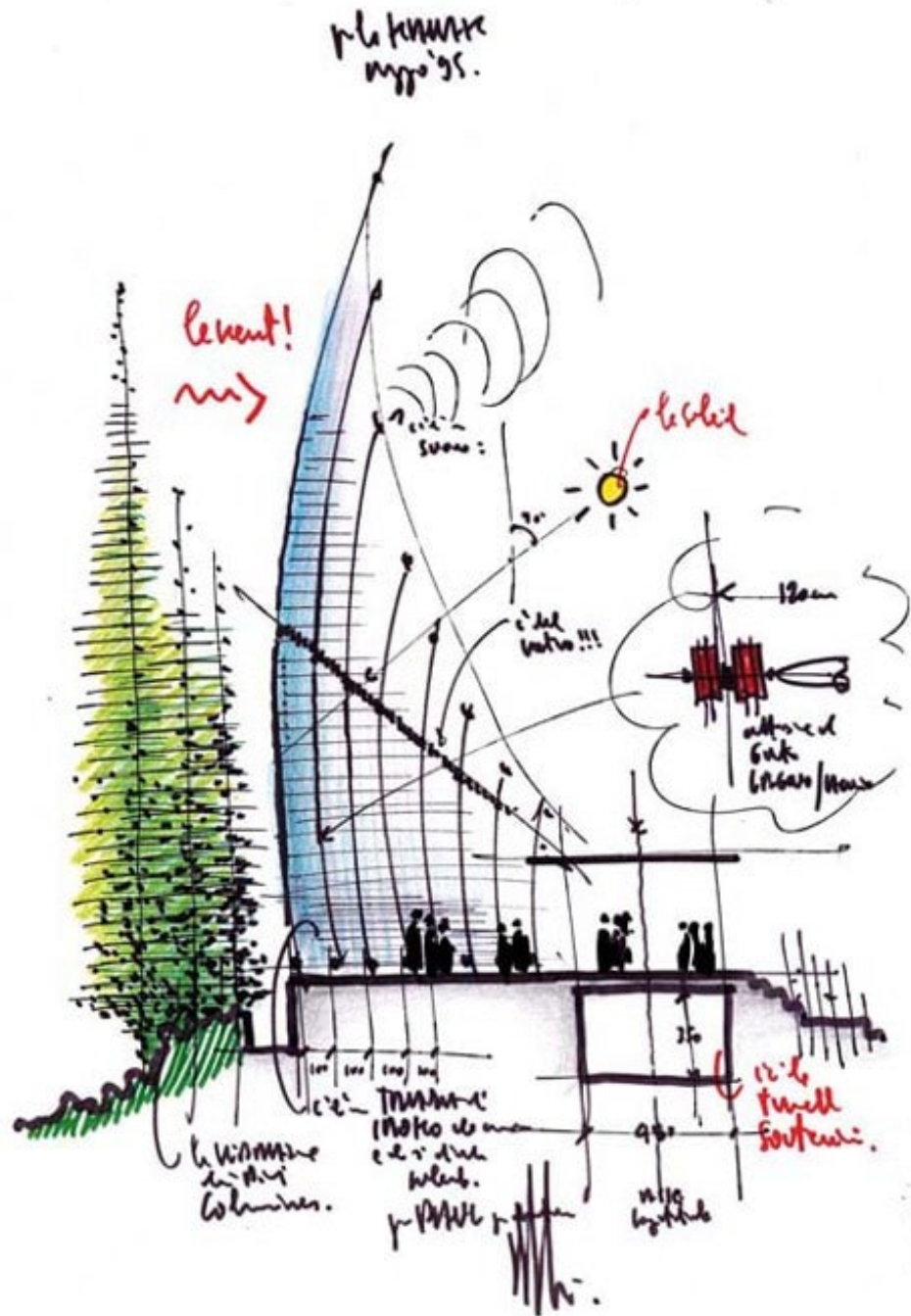
**Jean-Marie Tjibaou Cultural  
Centre (Renzo Piano)**

Image

source: [http://www.flickr.com/photos/twiga\\_swala/5442322727/](http://www.flickr.com/photos/twiga_swala/5442322727/)

<https://arkhitekton.net/2012/12/31/interstitial/tjibaou-cultural-centre/>





Sketch of the natural ventilation scheme, and model of the double facade system; images courtesy of Renzo Piano Building Workshop.

<https://www.inexhibit.com/mymuseum/the-jean-marie-tjibaou-cultural-center-by-renzo-piano/>

**These structural elements reminiscent of traditional mainstays such as the spine of the fish to avoid the beams warped long. Renzo Piano describes the structures that are curved like huts, built with wooden beams and nerves are looking containers archaic archaic, whose interiors are equipped with all the possibilities offered by modern technology.**

<https://en.wikiarquitectura.com/building/cultural-center-jean-marie-tjibaou/>





Fearon Hay Architects – Bishop Selwyn Chapel, Holy Trinity Cathedral, 2016

Images @ Patrick Reynolds

[https://images.adsttc.com/media/images/5a11/f3b7/b22e/3862/8600/0029/slideshow/BIS\\_HOP\\_SELWYN\\_CHAPEL\\_4453.jpg?1511125935](https://images.adsttc.com/media/images/5a11/f3b7/b22e/3862/8600/0029/slideshow/BIS_HOP_SELWYN_CHAPEL_4453.jpg?1511125935)





Finalist, Completed Buildings (Culture) and Small Projects: Rore Kahu - Marsden Cross Heritage Centre by Cheshire Architects. Image: WAF  
<https://architecturenow.co.nz/articles/2015-waf-finalists-announced/#img=1>

The roof has no structural steel inside, creating a light-as-a feather roof, stopped from taking off from its perch on top of a hill by its structural poles.

Image: [Patrick Reynolds](#)

<https://architecturenow.co.nz/articles/rore-kahu/>

