

RIFUNZIONALIZZAZIONE ED AMPLIAMENTO DELLA SEDE AESS A MODENA

Riferimenti progettuali

Lezione 30 09 2020



Prof. Arch. Silvia Brunoro

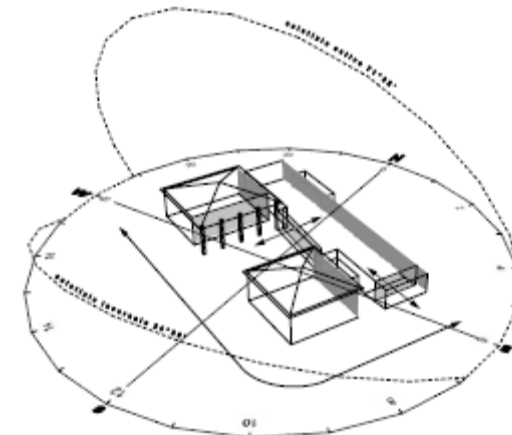
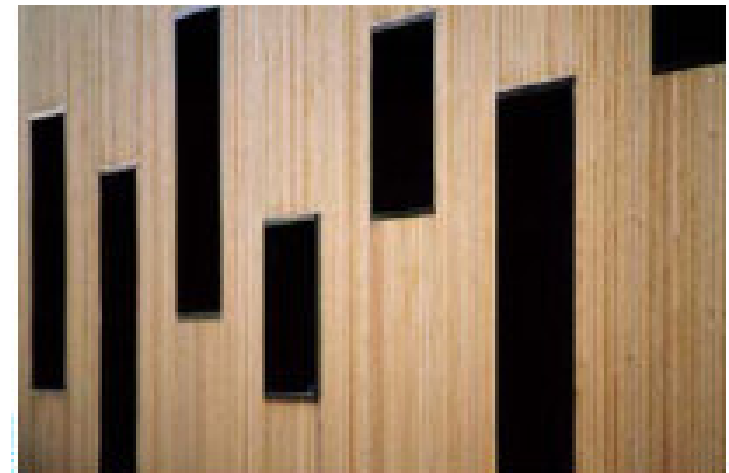
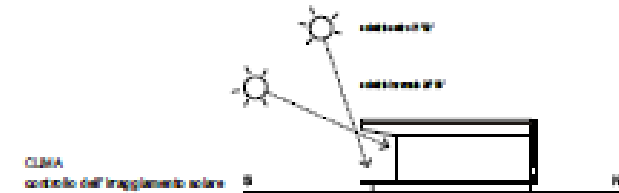
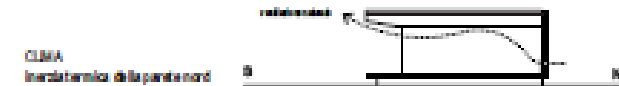
silvia.brunoro@unife.it

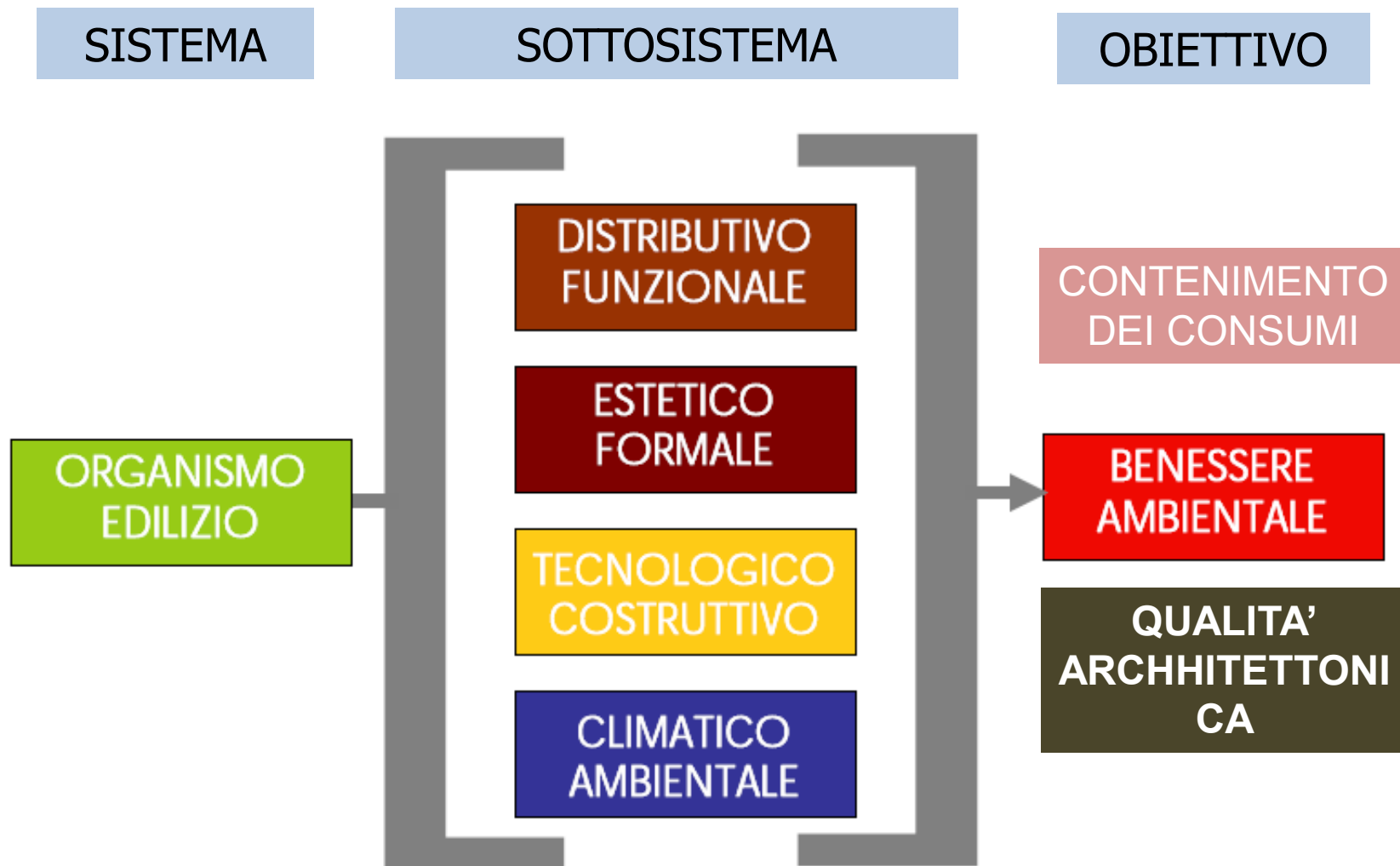
ESERCITAZIONE LUNGA ESPERIENZA PROGETTUALE

SOSTENIBILITÀ
AMBIENTALE

TECNOLOGIA DEL
LEGNO

EFFICIENZA
ENERGETICA





SISTEMA AMBIENTALE

FATTORI CLIMATICI
temperatura, umidità relativa,
ventosità, irraggiamento solare
NORMA UNI 10349

CONTESTO
ombreggiamento,
ostruzioni,
morfologia,
inquinamento
ambientale

SISTEMA TIPOLOGICO

FORMA COMPATTA miglior rapporto superficie / volume

ORIENTAMENTO E DISTRIBUZIONE INTERNA

DISTRIBUZIONE, ORIENTAMENTO E SISTEMI DI PROTEZIONE DELLE
SUPERFICI TRASPARENTI

PRESENZA DI AGGETTI E SCHERMATURE

STRATEGIE

ISOLAMENTO, eliminazione di dispersioni e ponti termici, infissi ad elevate prestazioni energetiche

INERZIA, sfasamento dell'onda termica

VENTILAZIONE, eliminazione di carichi termici sovrabbondanti, condensa e umidità

USO DELLA LUCE NATURALE

USO PASSIVO DELL'ENERGIA SOLARE , sfruttamento degli apporti solari in
maniera diretta o indiretta

INTEGRAZIONE DI TECNOLOGIE SOLARI ATTIVE

USO DI IMPIANTI AD ALTO RENDIMENTO

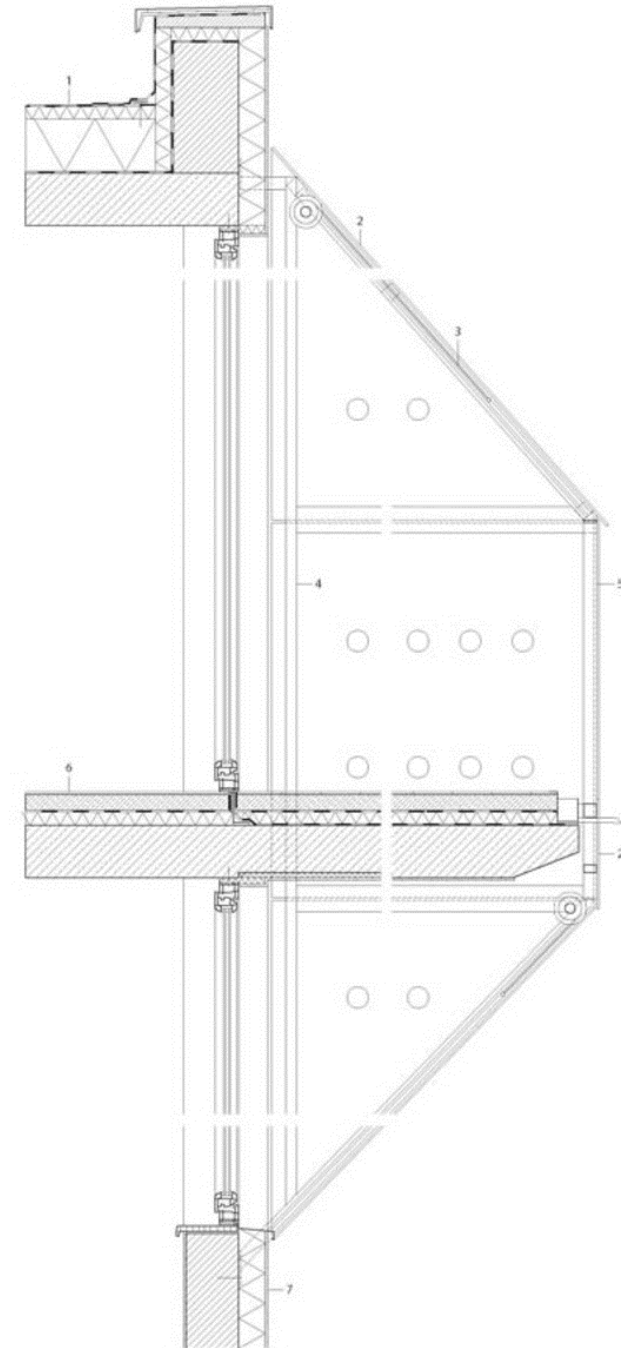
SISTEMA TECNOLOGICO

IL DETTAGLIO TECNOLOGICO CORRISPONDE ALLA NOSTRA IDEA DI PROGETTO

COERENZA NELLE SCELTE



Prof. Arch. Silvia Brando - Dip. di Architettura - LABORATORIO DI COSTRUZIONE DELL'AMBIENTE

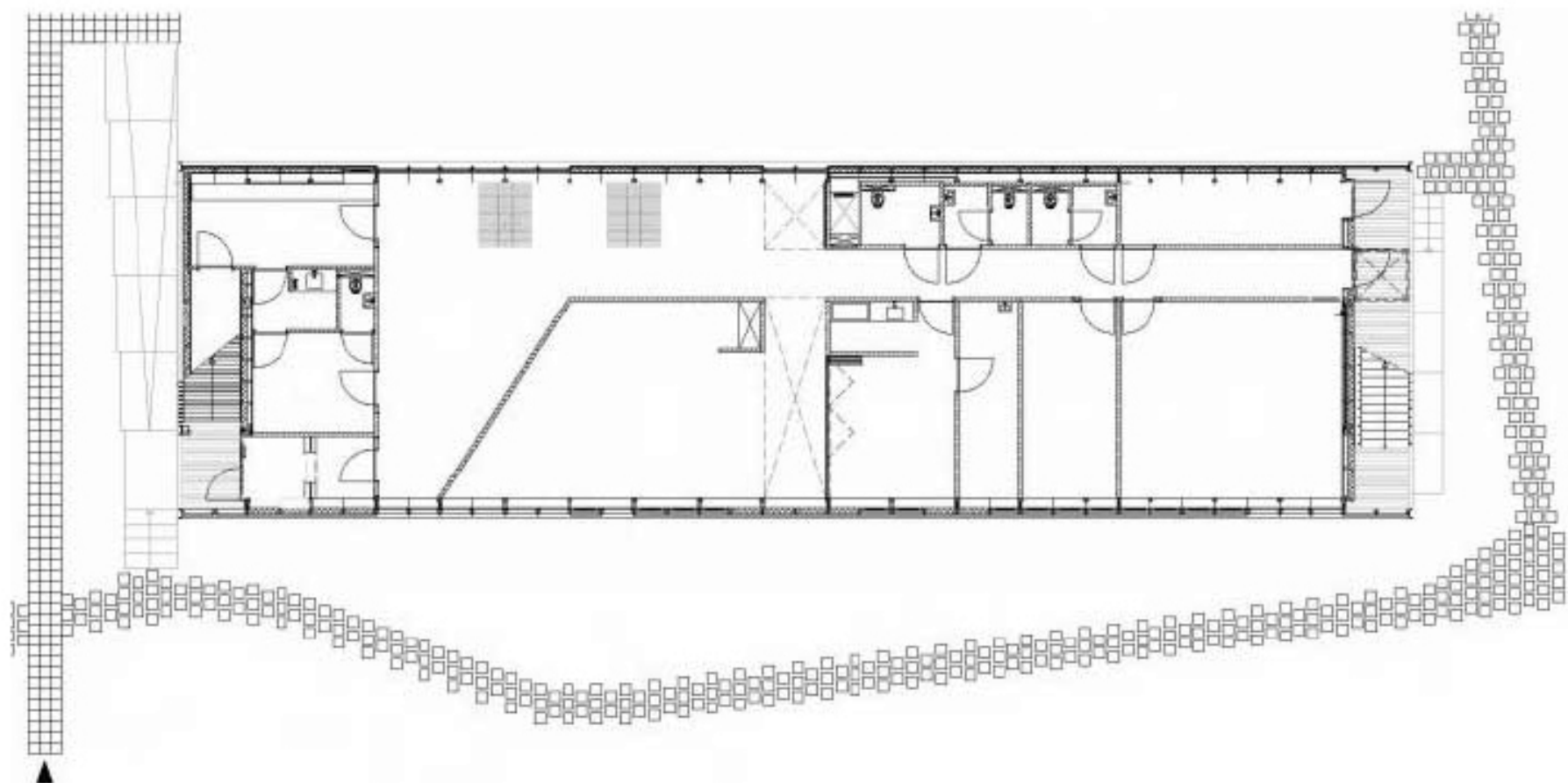


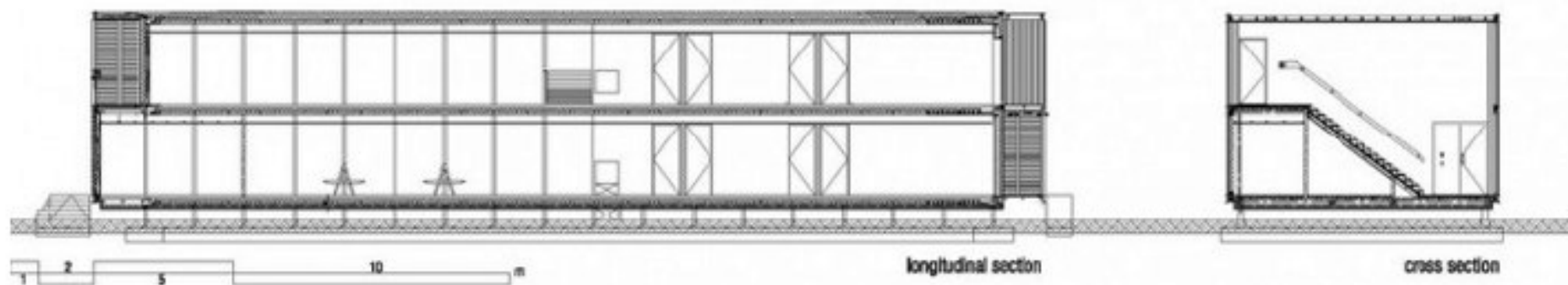
JUVENILEPAVILION–UARCHITECTS
OVERLOON(PAESIBASSI) -2008

<http://www.archilovers.com/projects/133073/juvenile-pavilion.html>

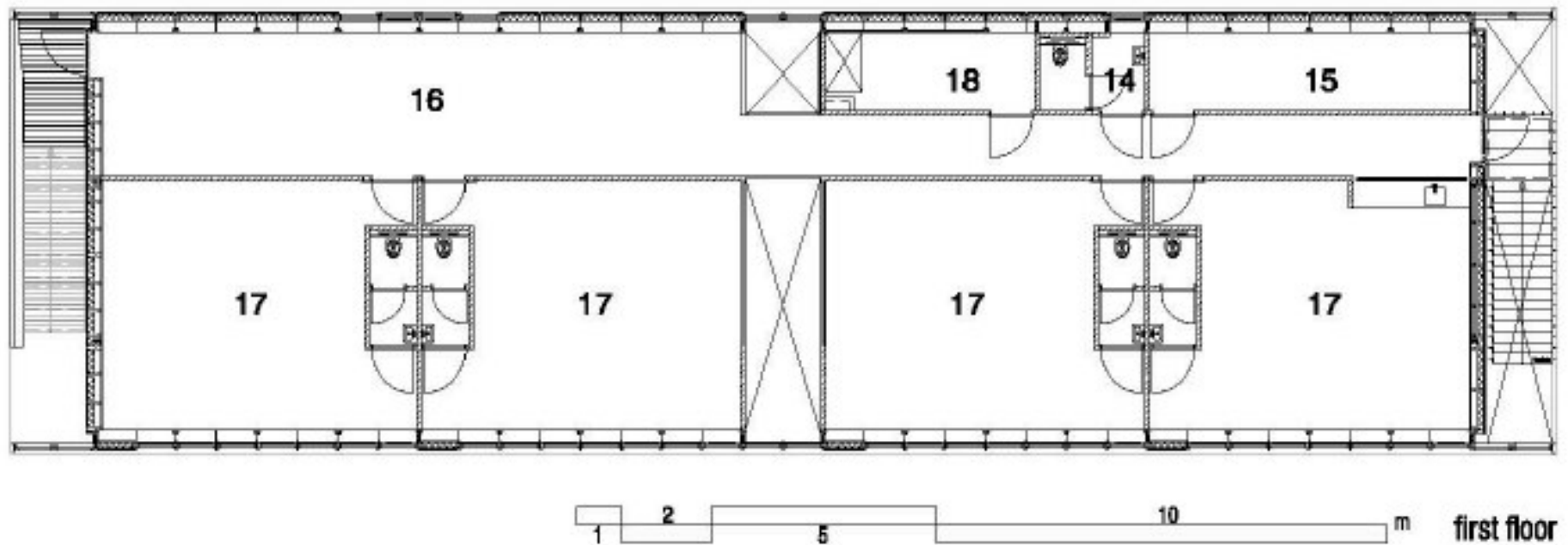












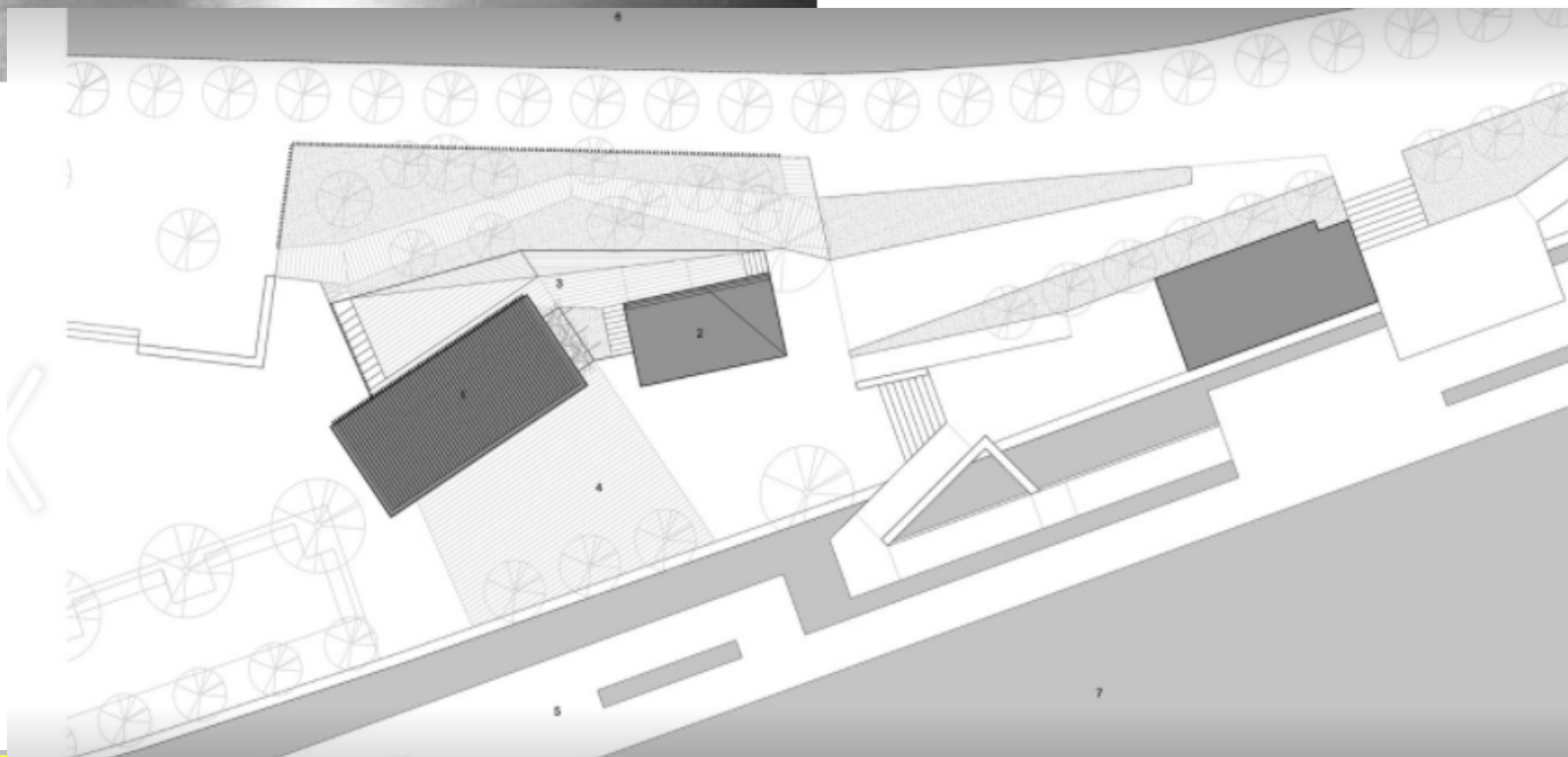
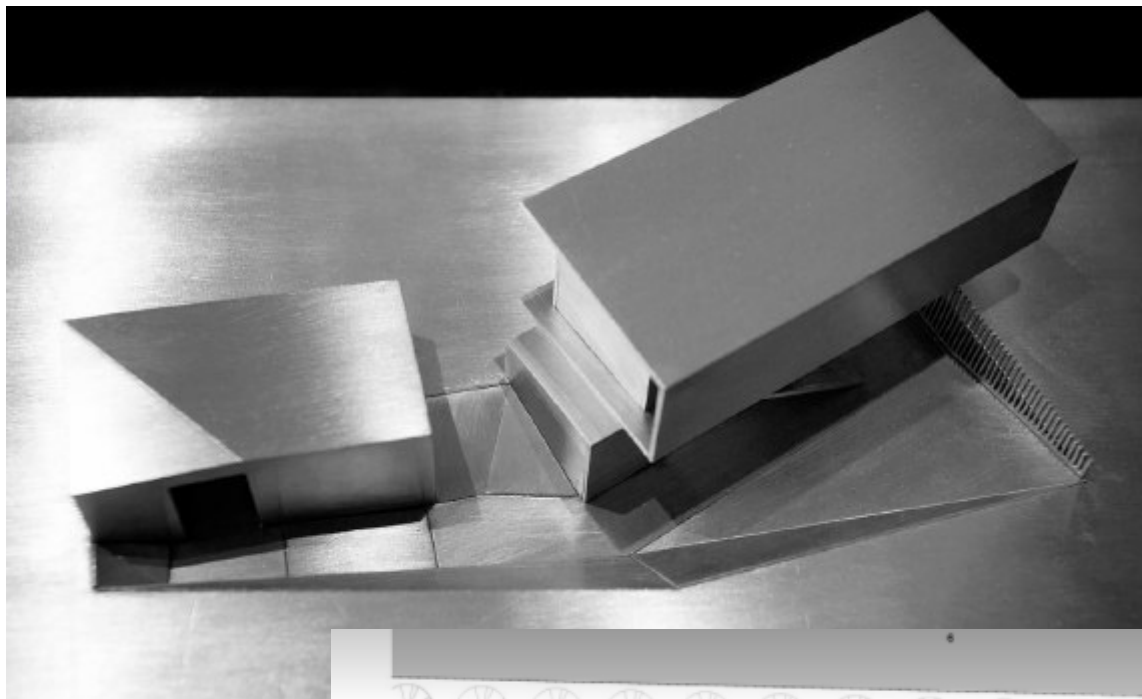


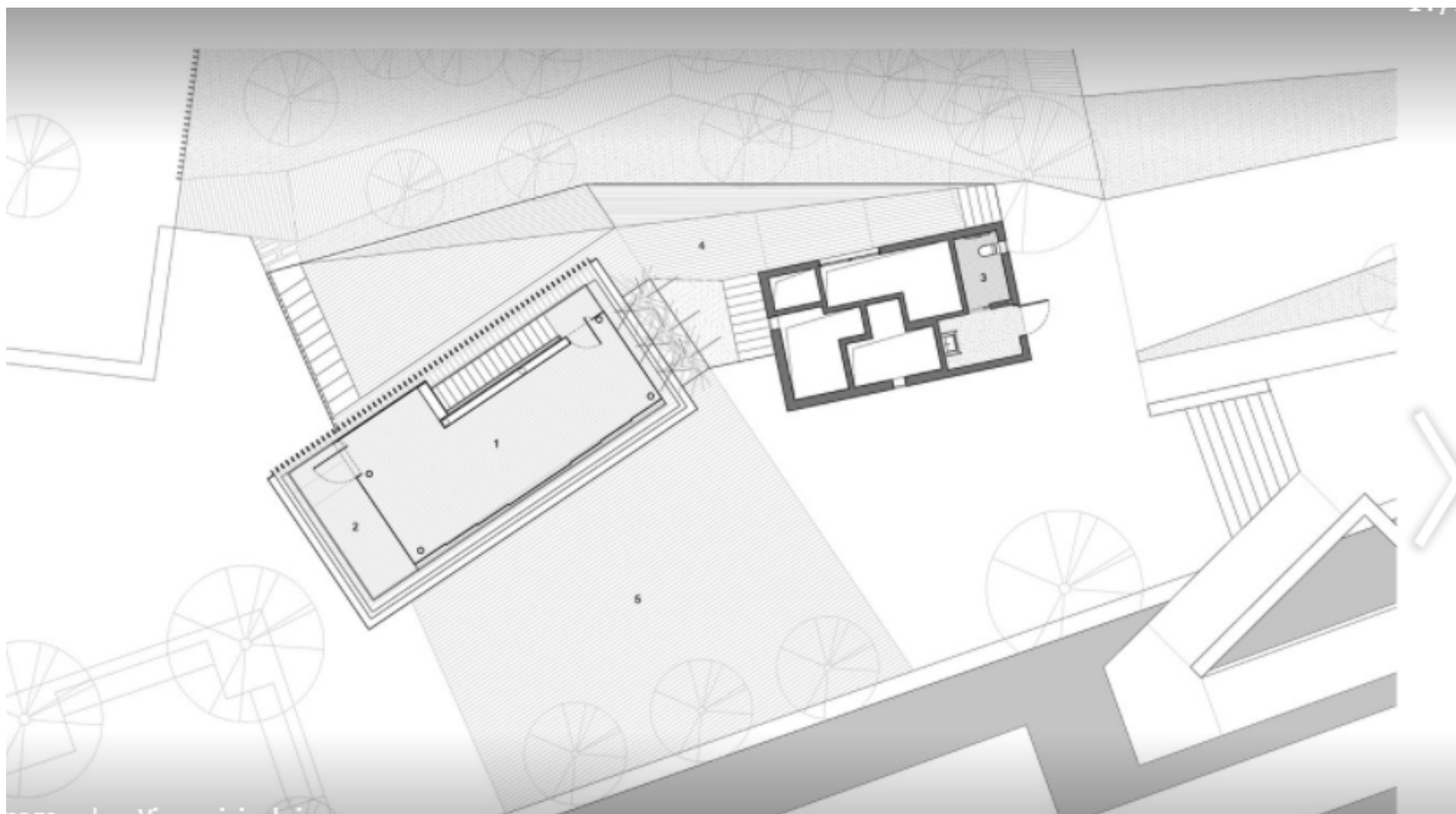
RIVERSIDE PARK PAVILLON – VECTOR ARCHITECTS

Kunshan, China - 2013

<https://www.archdaily.com/330808/riverside-park-pavilion-vector-architects>











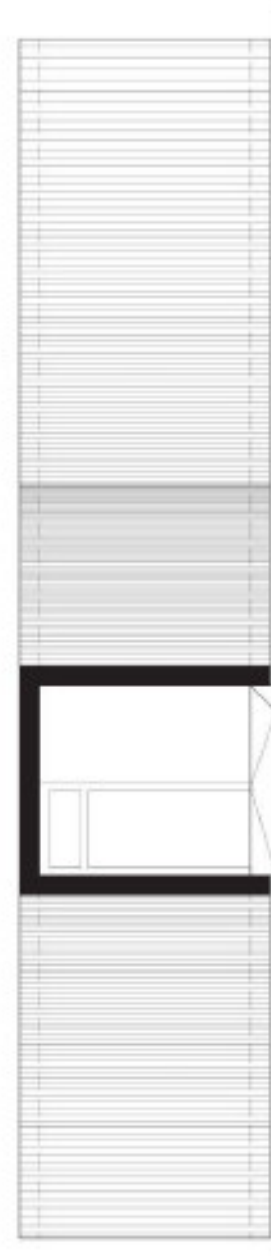
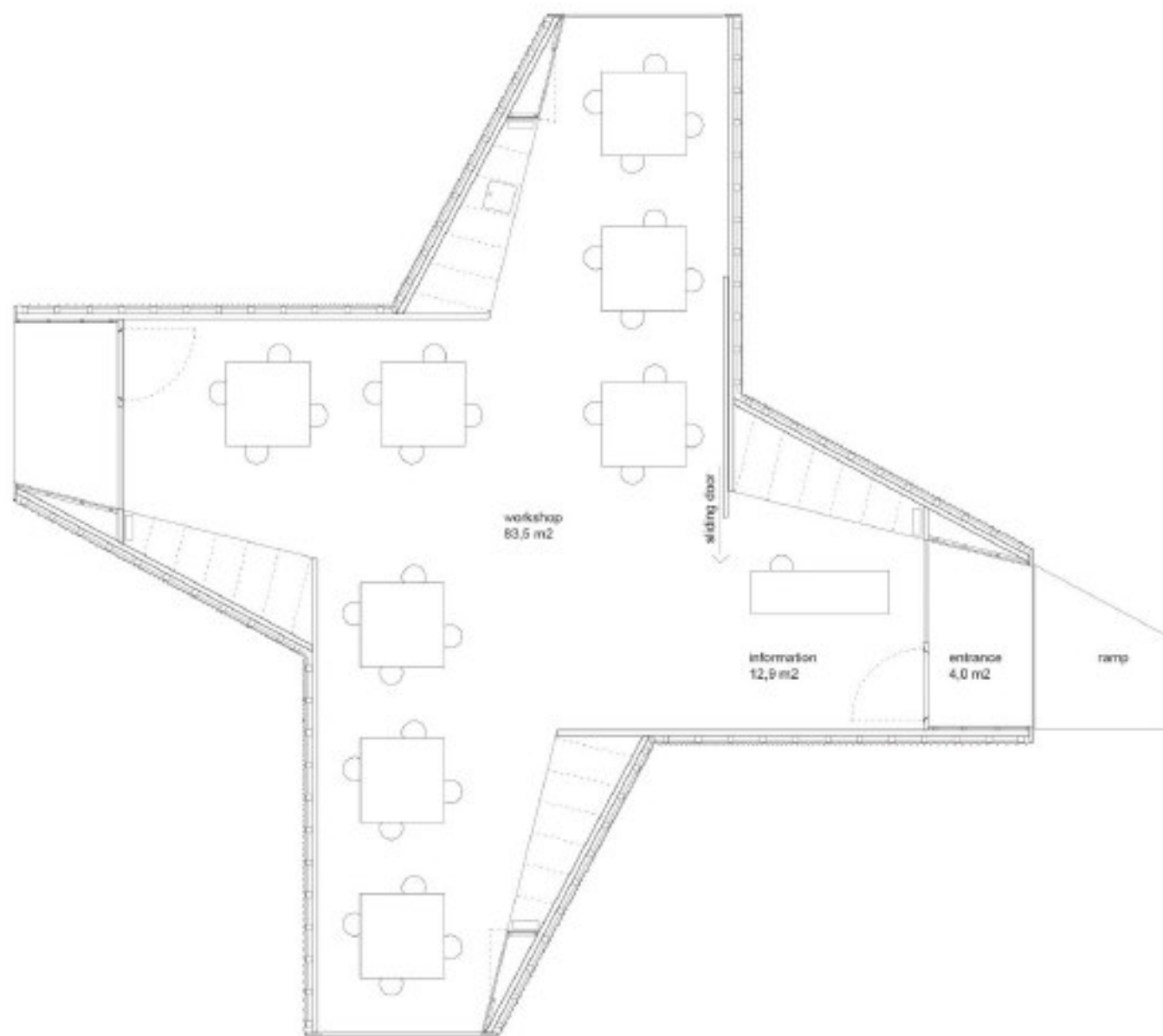


GOLDEN WORKSHOP -MODULORBEAT

PADIGLIONIESPOSITIVI-MUNSTER(GERMANIA) -2012

<http://www.archilovers.com/projects/57702/golden-workshop.html#info>







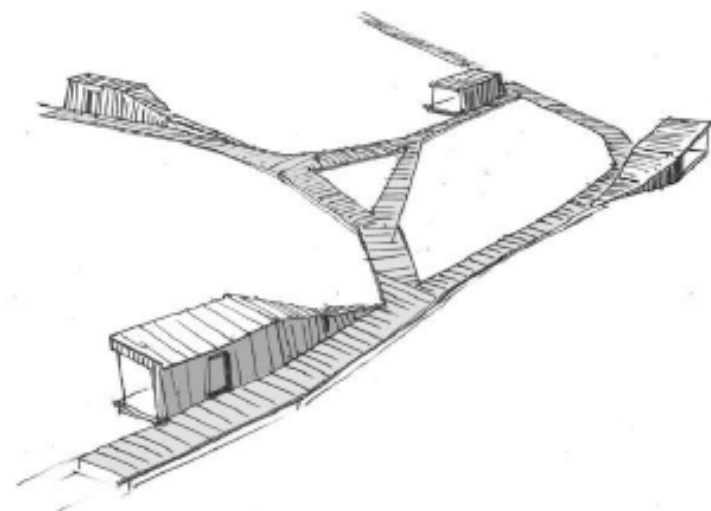
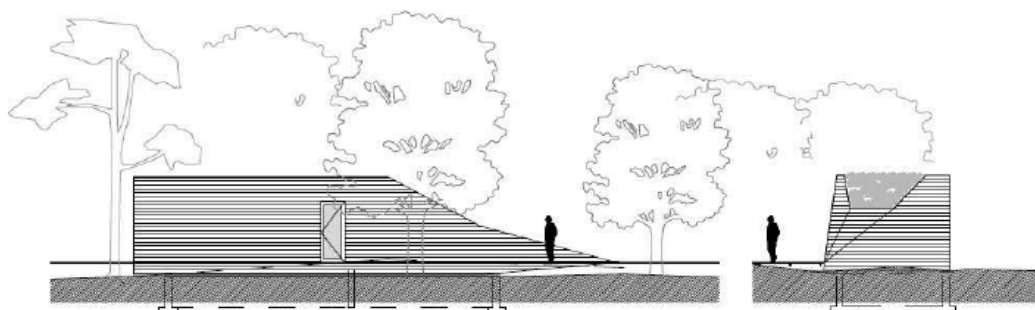


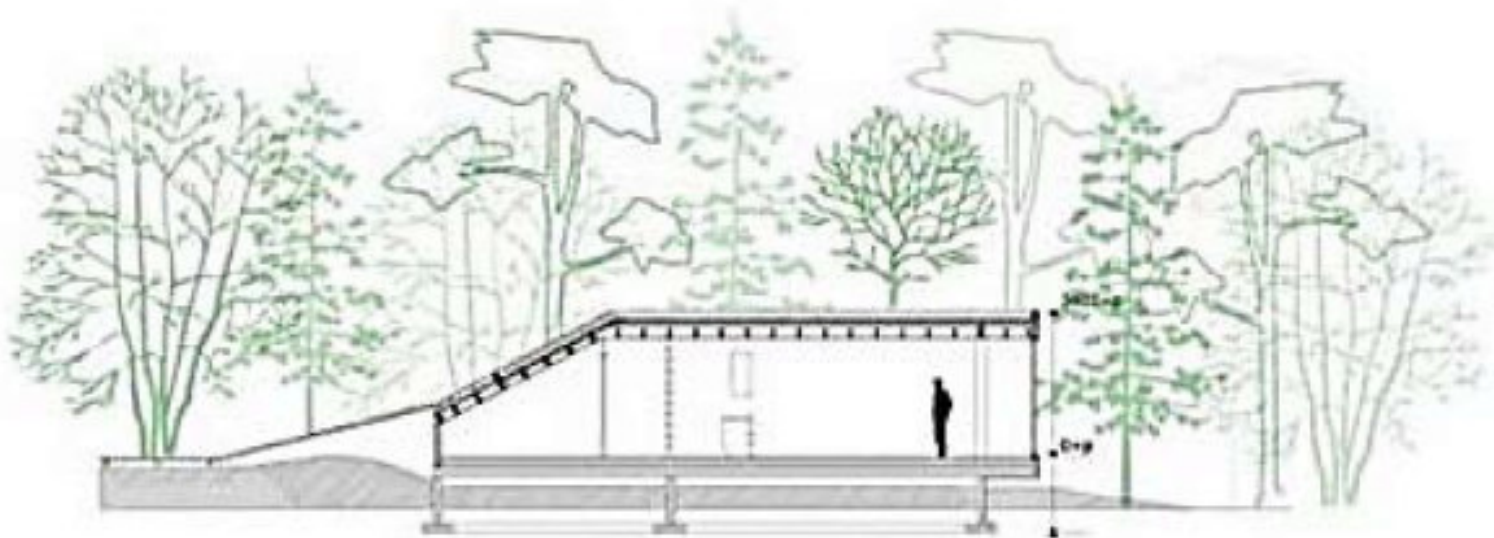
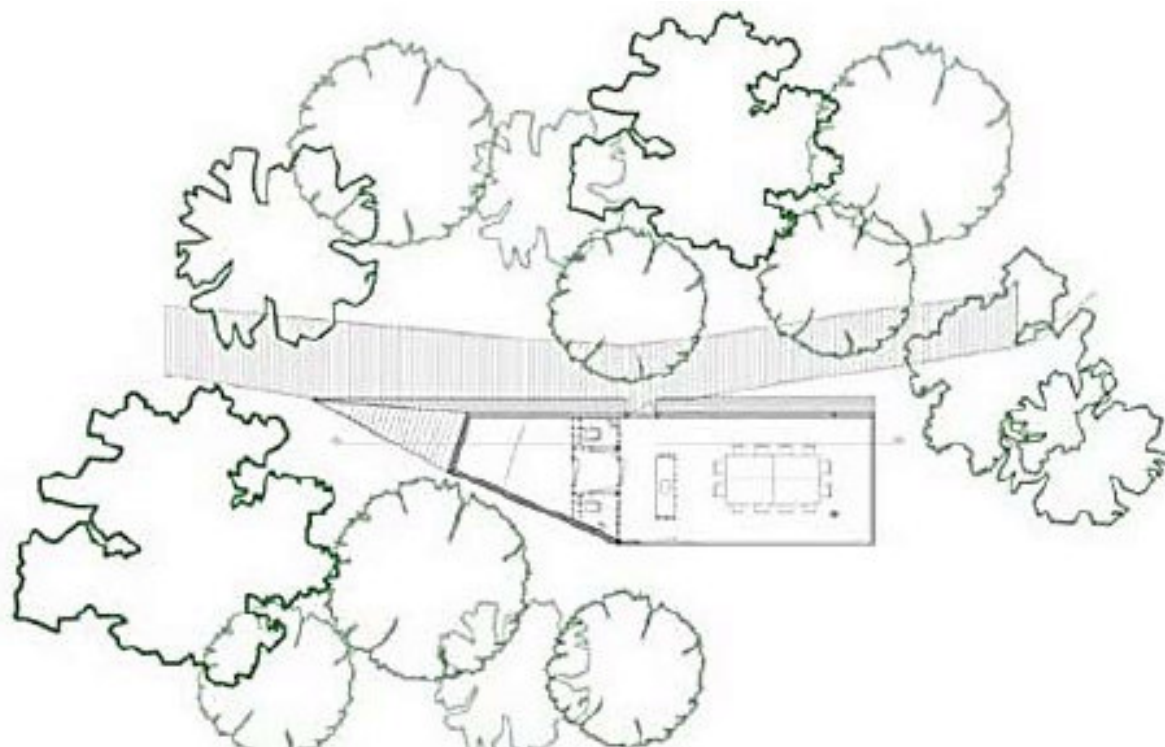


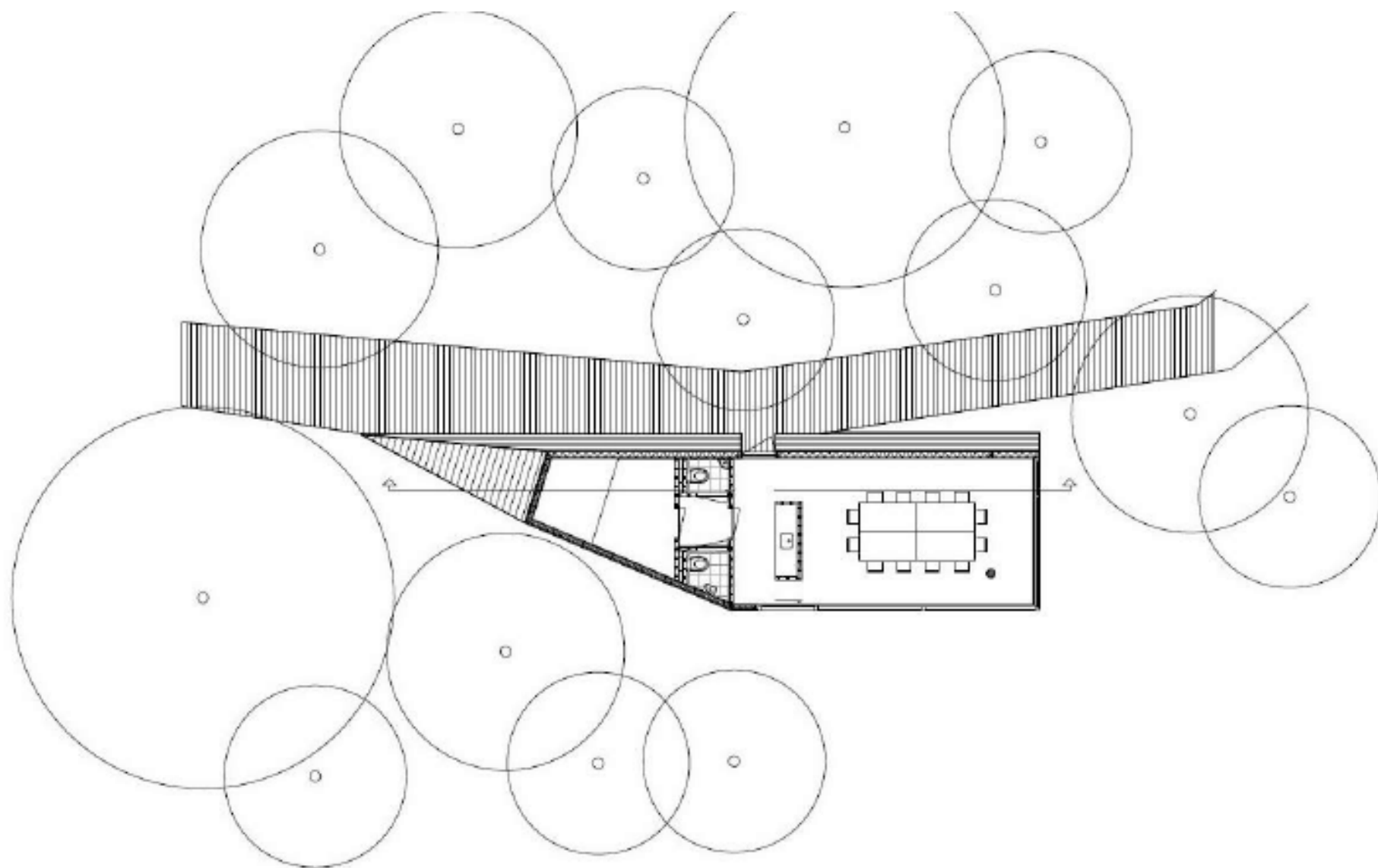
PAVILION -ADP ARCHITECTEN
APELDOORN(PAESIBASSI) -2012

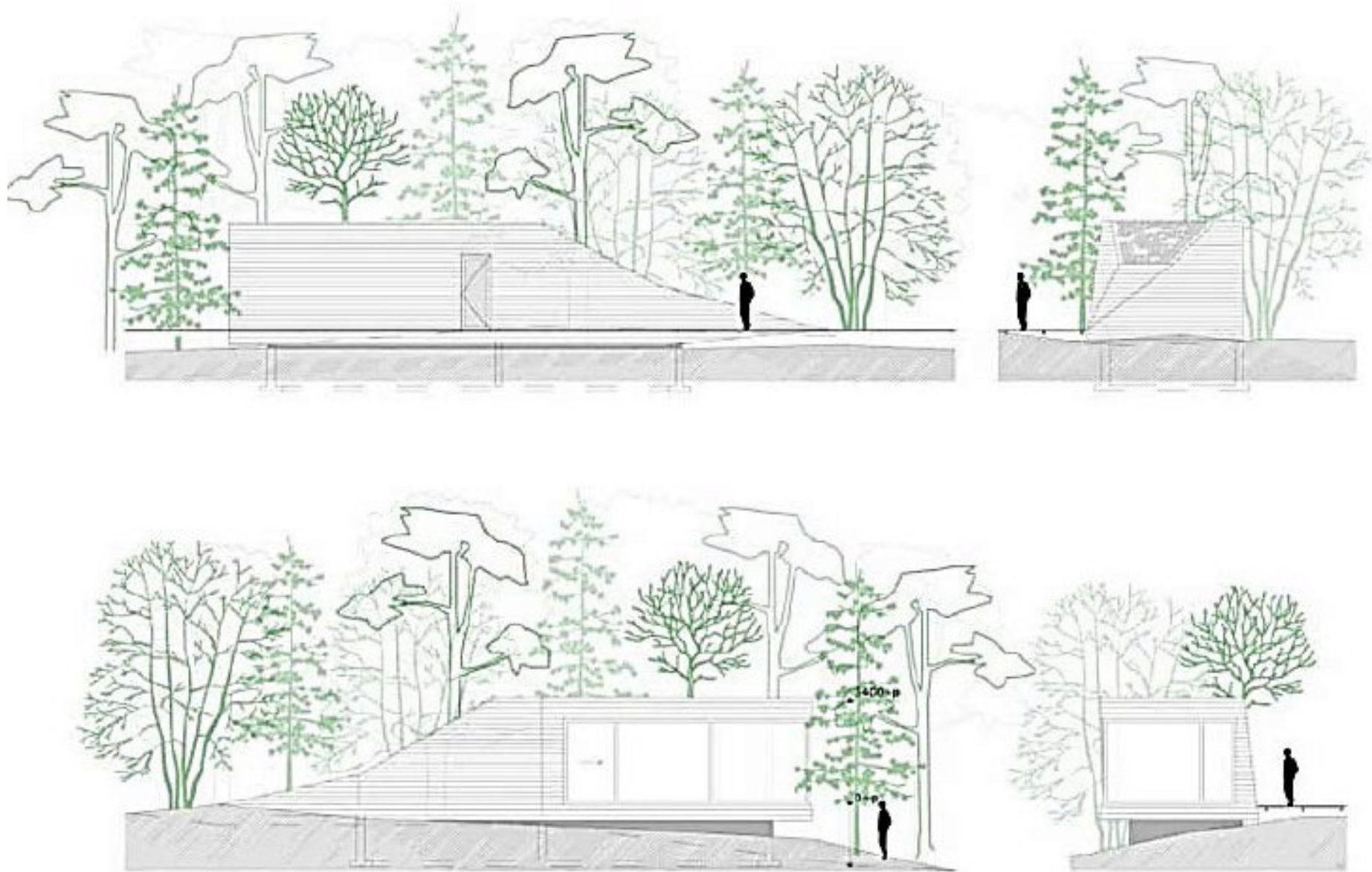
<http://www.archilovers.com/projects/118241/pavilion.html#info>

















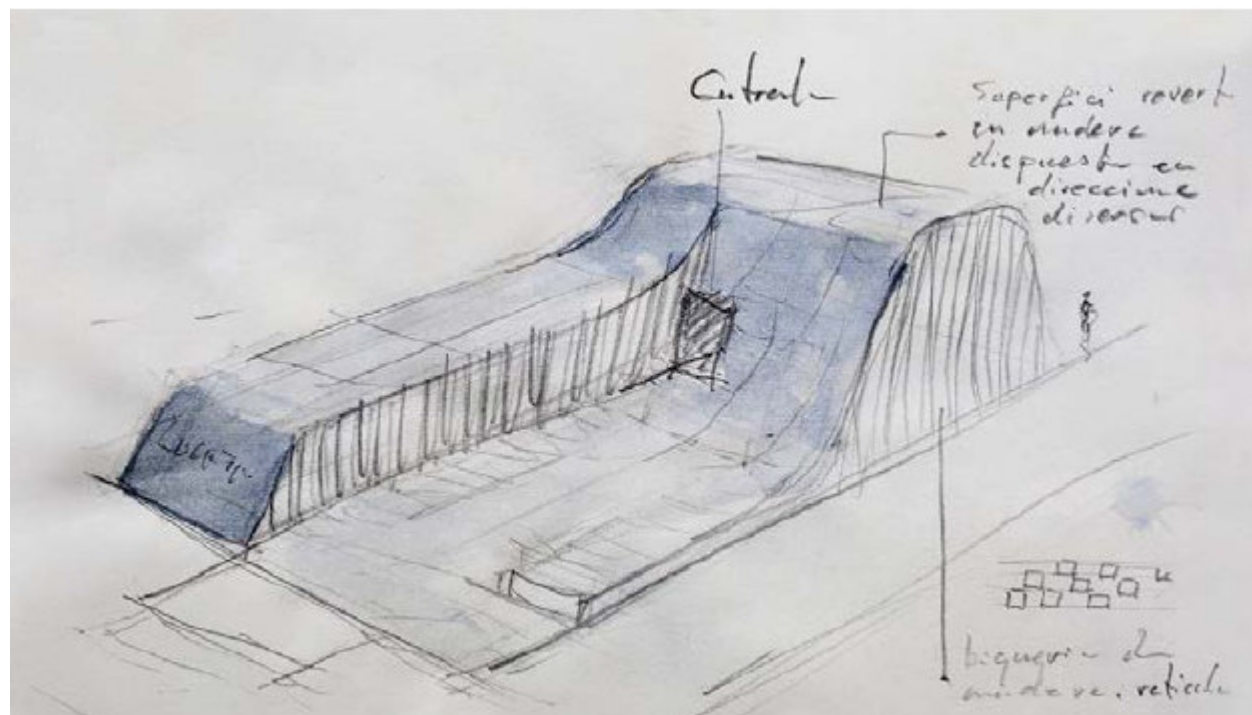


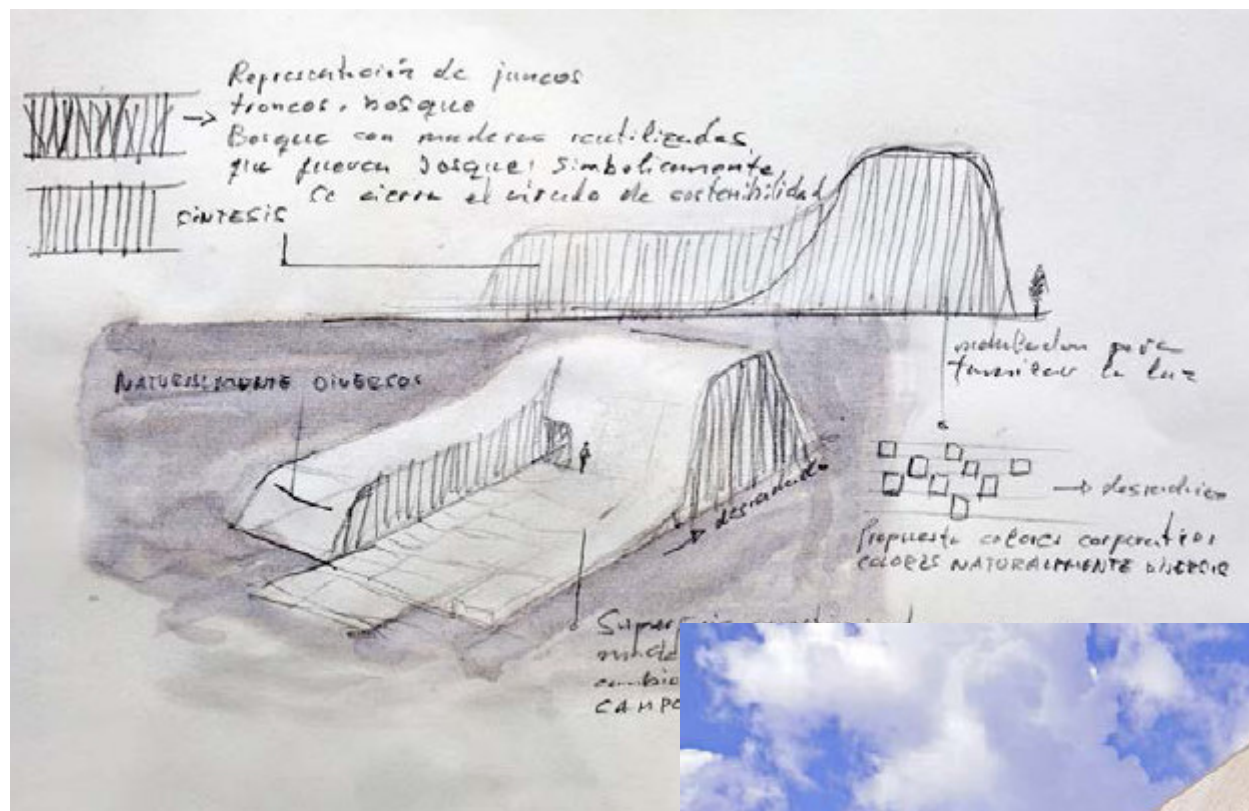
**SPANISH PAVILION AT FLORIADE 2012 -PULGONDISENO
PADIGLIONIESPOSITIVI-VENLO(PAESIBASSI) -2012**

www.floriade.com

<http://www.archilovers.com/projects/62020/spanish-pavilion-at-floriade-2012.html#info>









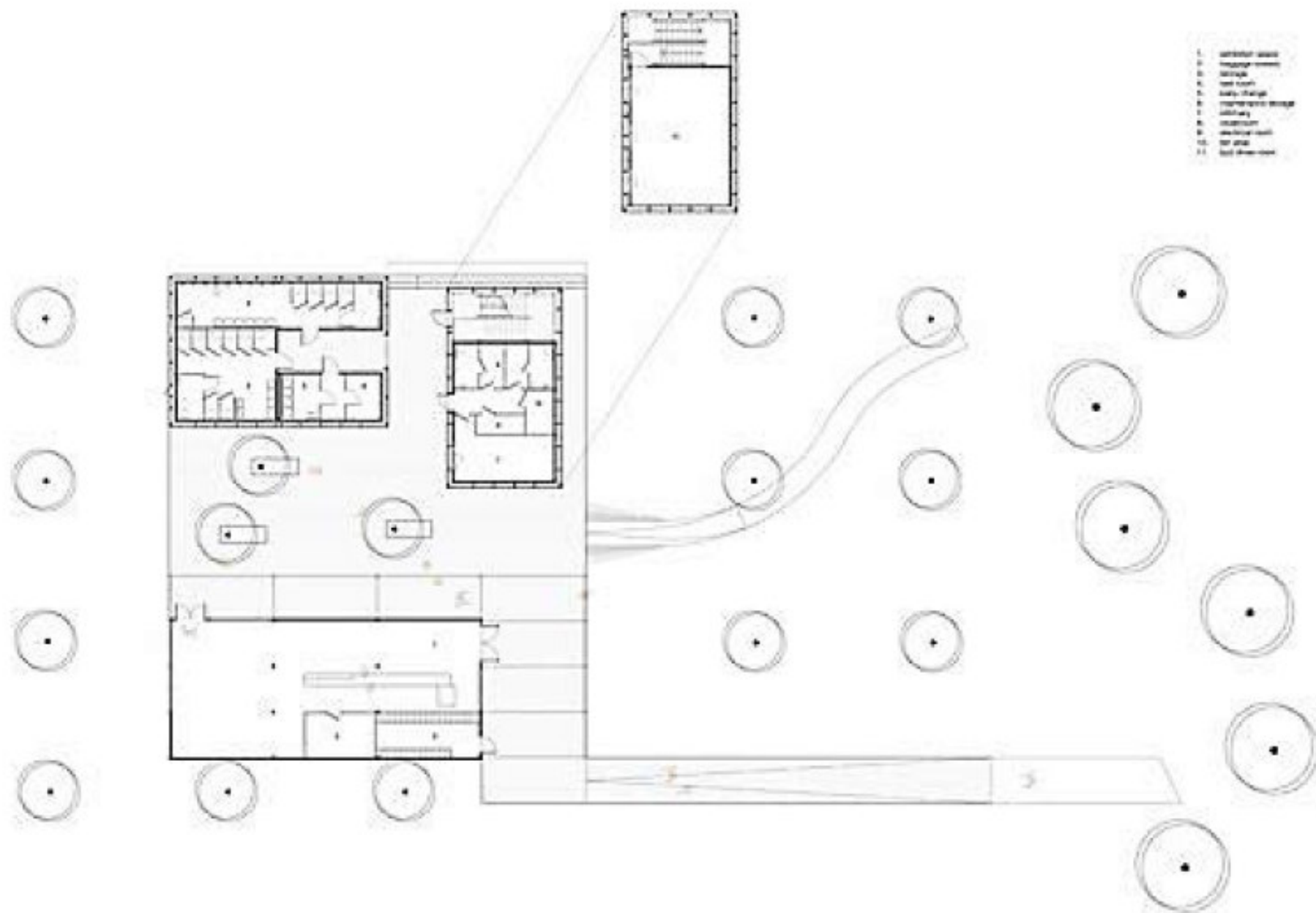


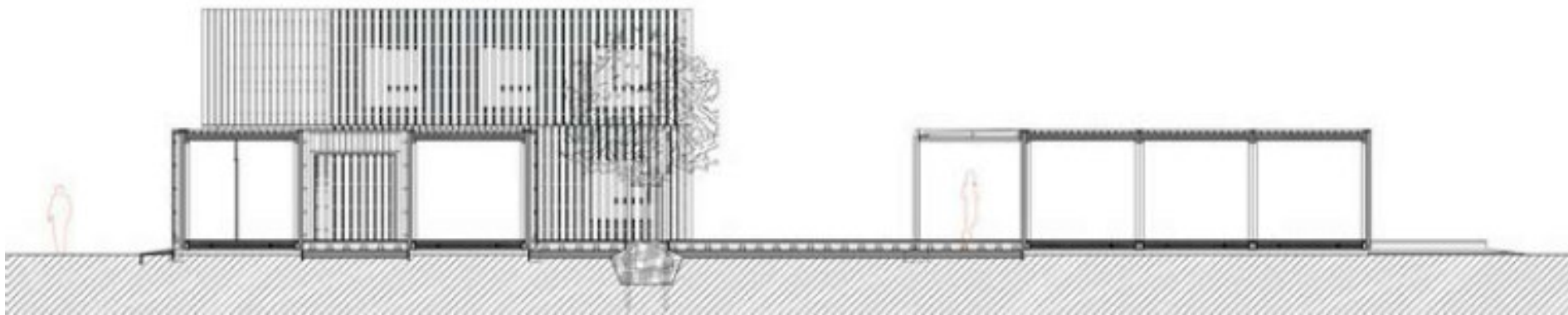


**TEMPORARY INFO CENTRE—ODILE+ GUZYARCHITECTES
MONTSAINTMICHEL(FRANCIA) -2012**

<http://www.archilovers.com/projects/73792/temporary-information-centre.html>













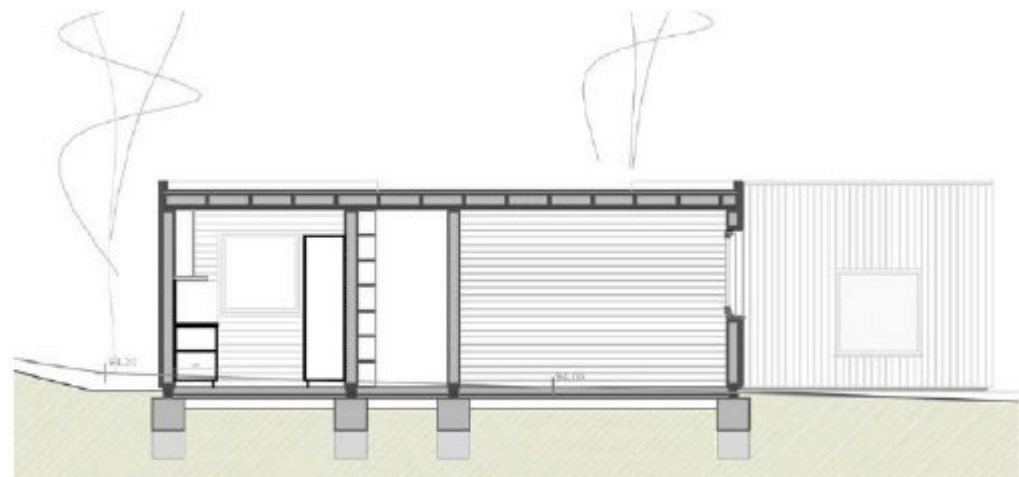
**CASAGG –ALVENTOSAMORELLARQUITECTES
S. MARIADEPALAUTORDERA(SPAGNA) –2013**

<http://www.archilovers.com/projects/13117/casa-gg.html>







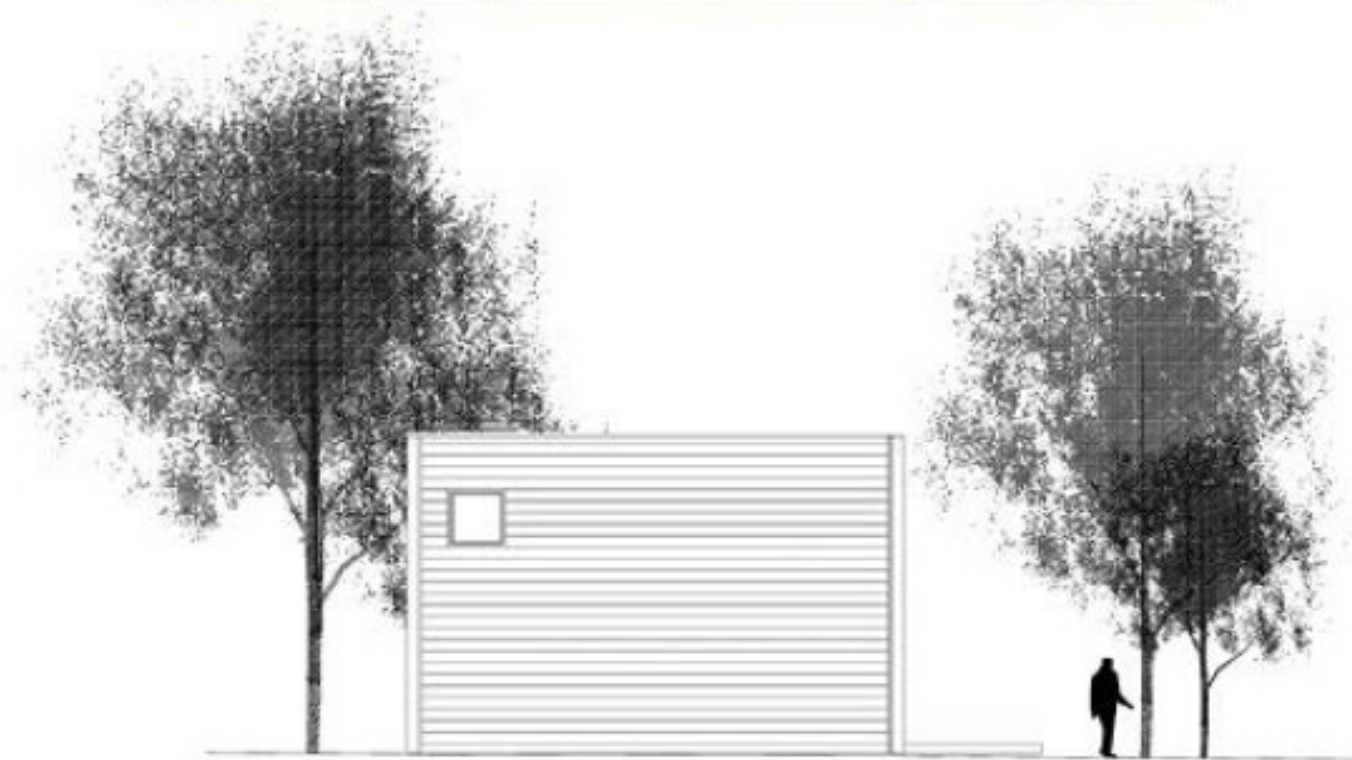


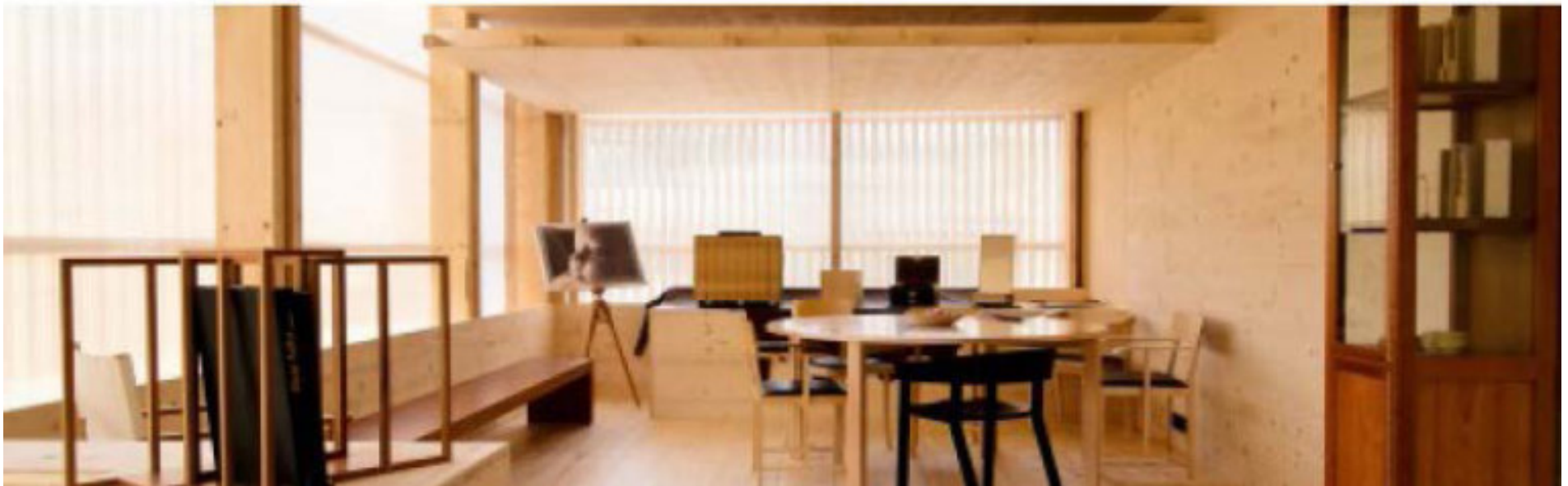


MODULARBOX–SPSS DESIGN+ JOSÈSIMOES
PORTOGALLO-2013

<http://www.archilovers.com/projects/101114/modular-box.html>









STONHANGE VISITOR CENTRE - DENTON CORKER MARSHALL

WILTSHIRE - UK-2013

<https://www.archdaily.com/461242/stonehenge-visitor-centre-denton-corker-marshall>





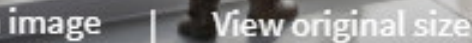
[Zoom image](#) | [View original size](#)

Denton Corker Marshall's new Stonehenge Visitor Centre opens its doors on 18th December, inviting more than one million visitors every year to experience the transformed ancient site. Located 1.5 miles to the west of the stone circle at Airman's Corner, just within the World Heritage ...





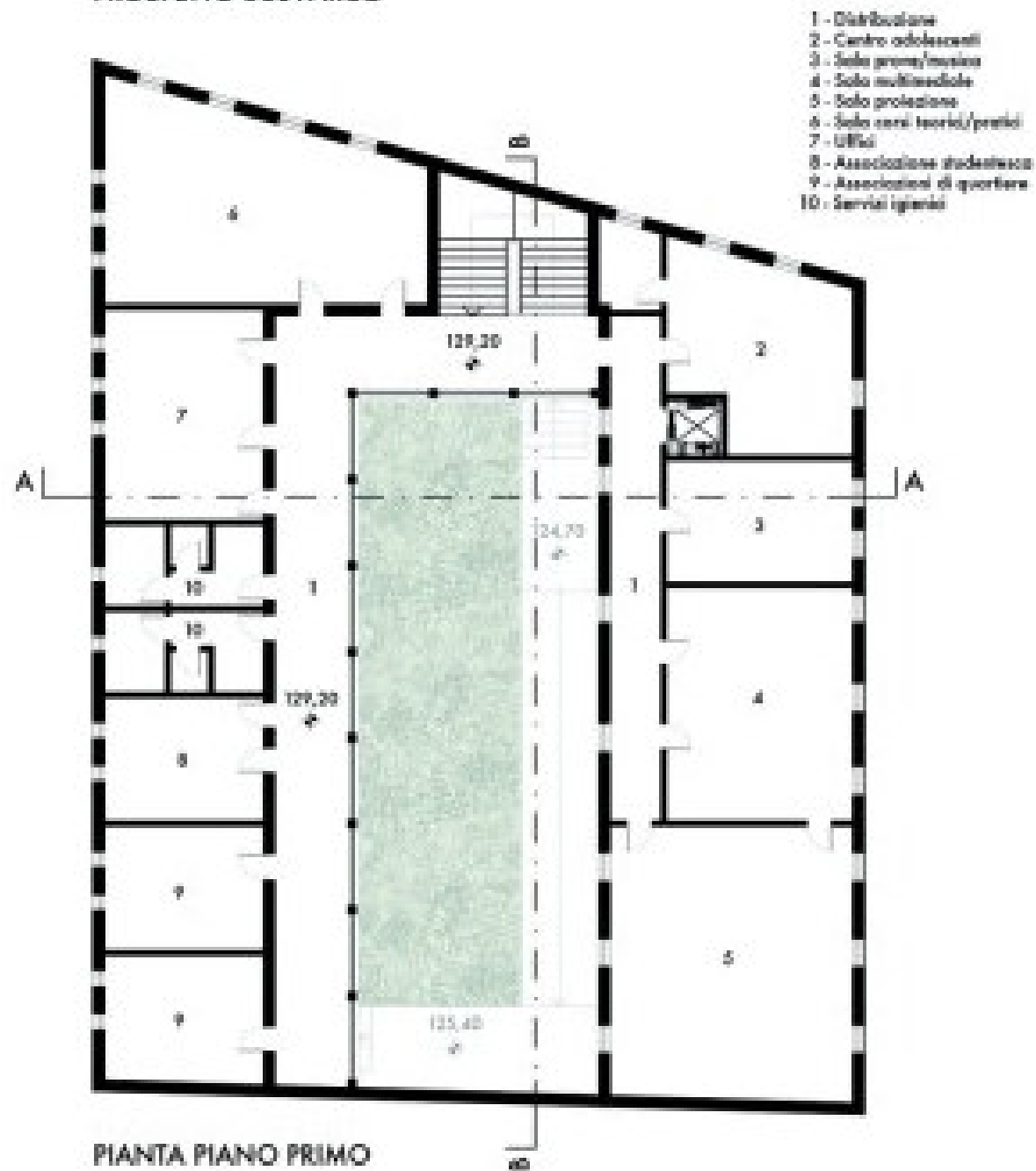




<https://brandolinigallizia.com/portfolio/nuovo-centro-civico-in-zona-garibaldi-a-milano/>

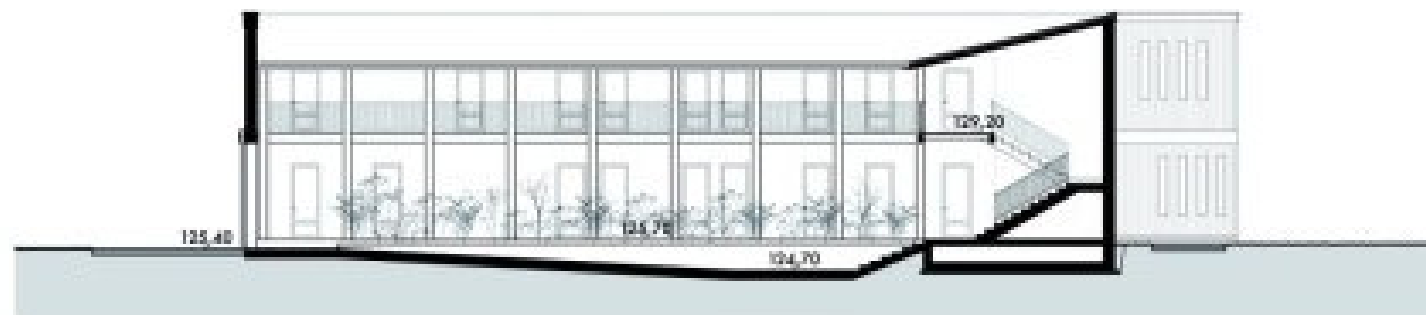
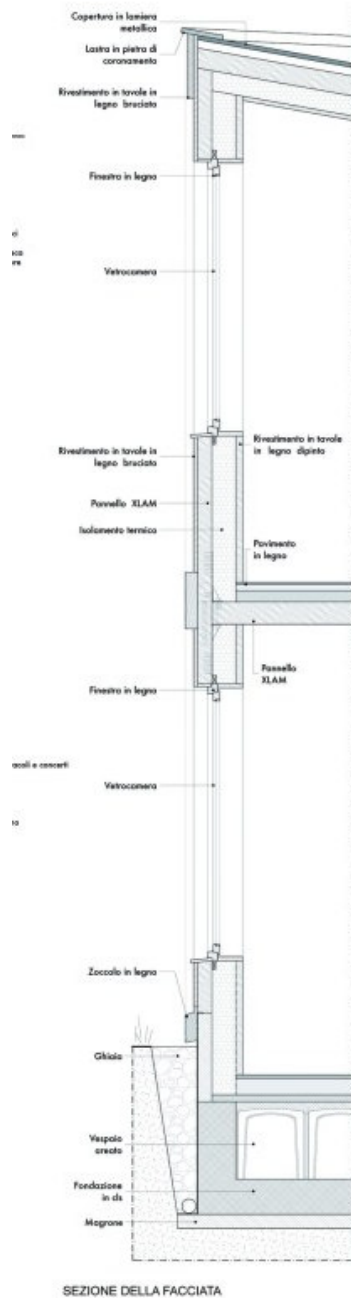








PROSPETTIVA DELLA CORTE/ARBORETUM



SEZIONE B-B



PIANTE DELL'ARBORETUM

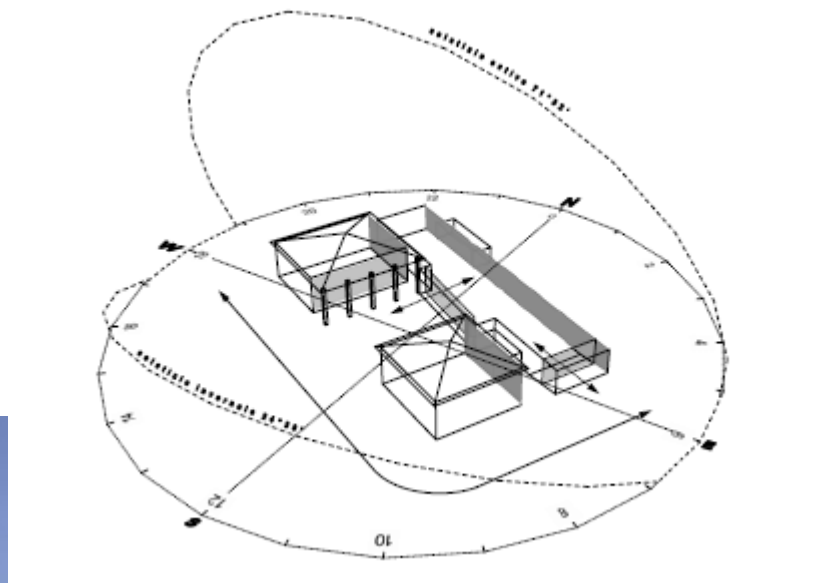
Corte Campadelli

Altedo di Malalbergo, Bologna, Italy

Architects: Diverserighe studio Year: 2006

<https://www.archilovers.com/projects/3504/corte-campadelli.html>

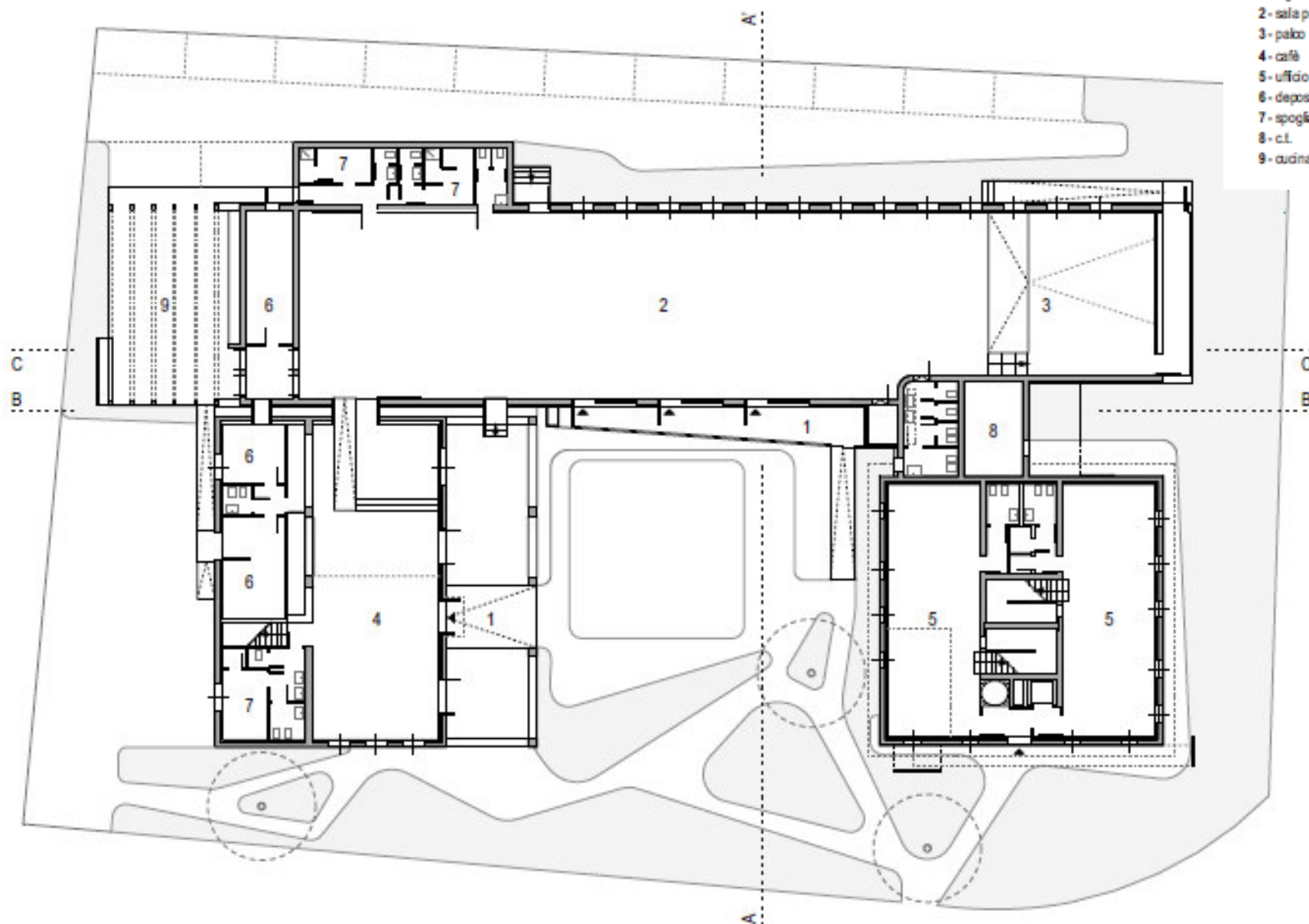




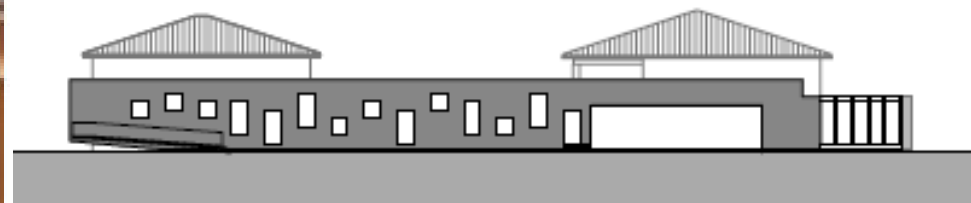
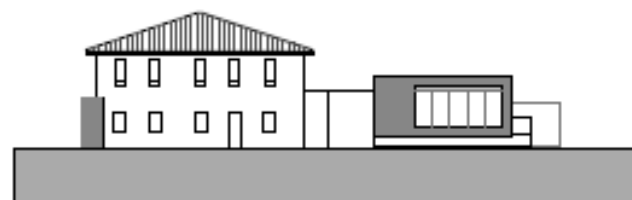
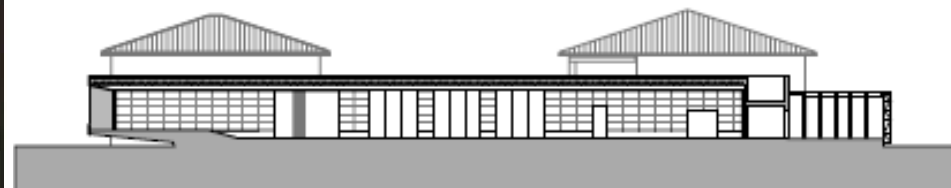
piano piano terra

legenda

- 1 - ingresso / portico
- 2 - sala polivalente
- 3 - palco
- 4 - caffè
- 5 - ufficio
- 6 - deposito
- 7 - spogliatoio
- 8 - c.t.
- 9 - cucina temporanea



















Chiesa post sisma

Medolla, Modena, Italy

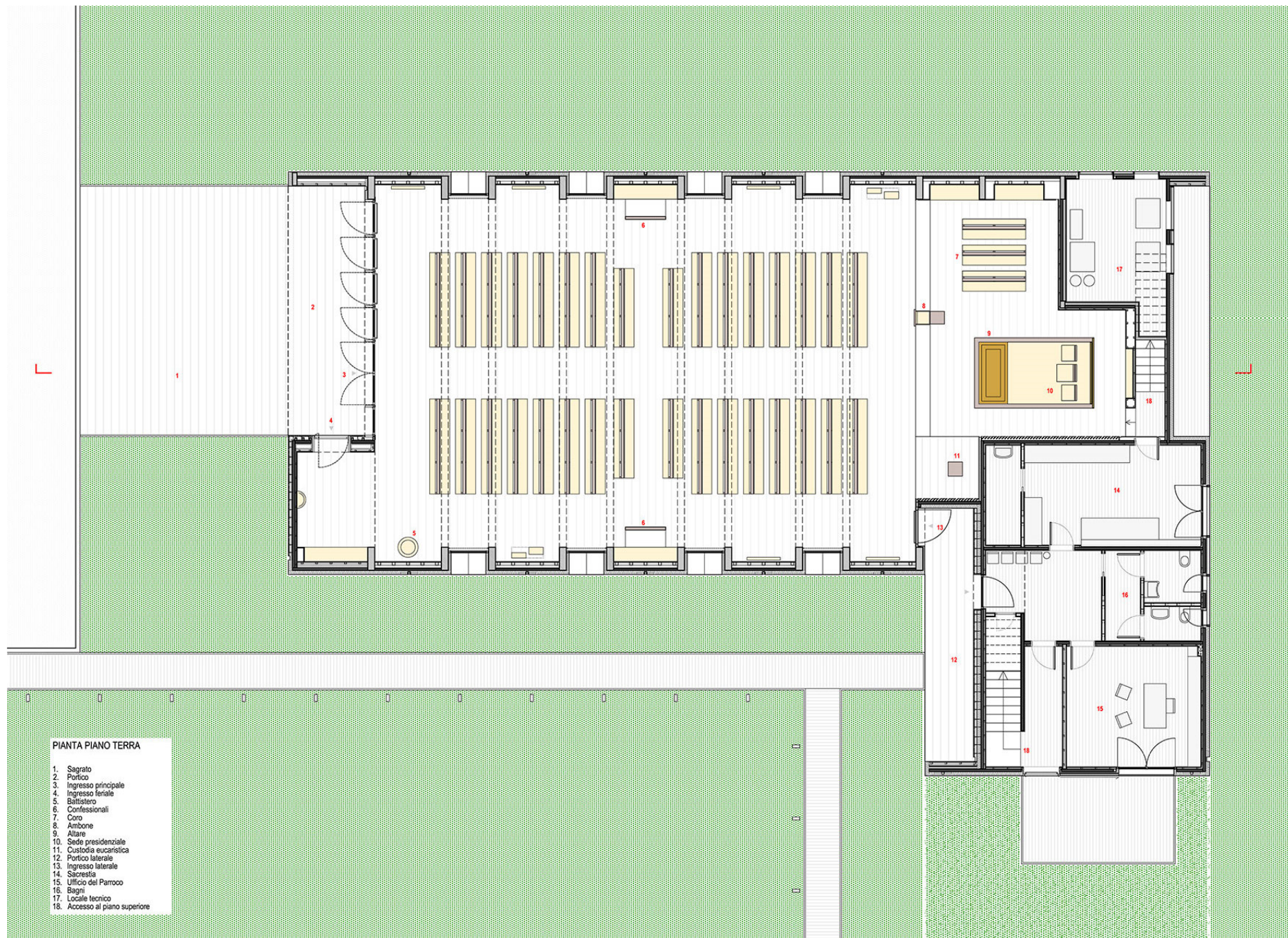
Architects: Marazzi & Associati Year: 2012

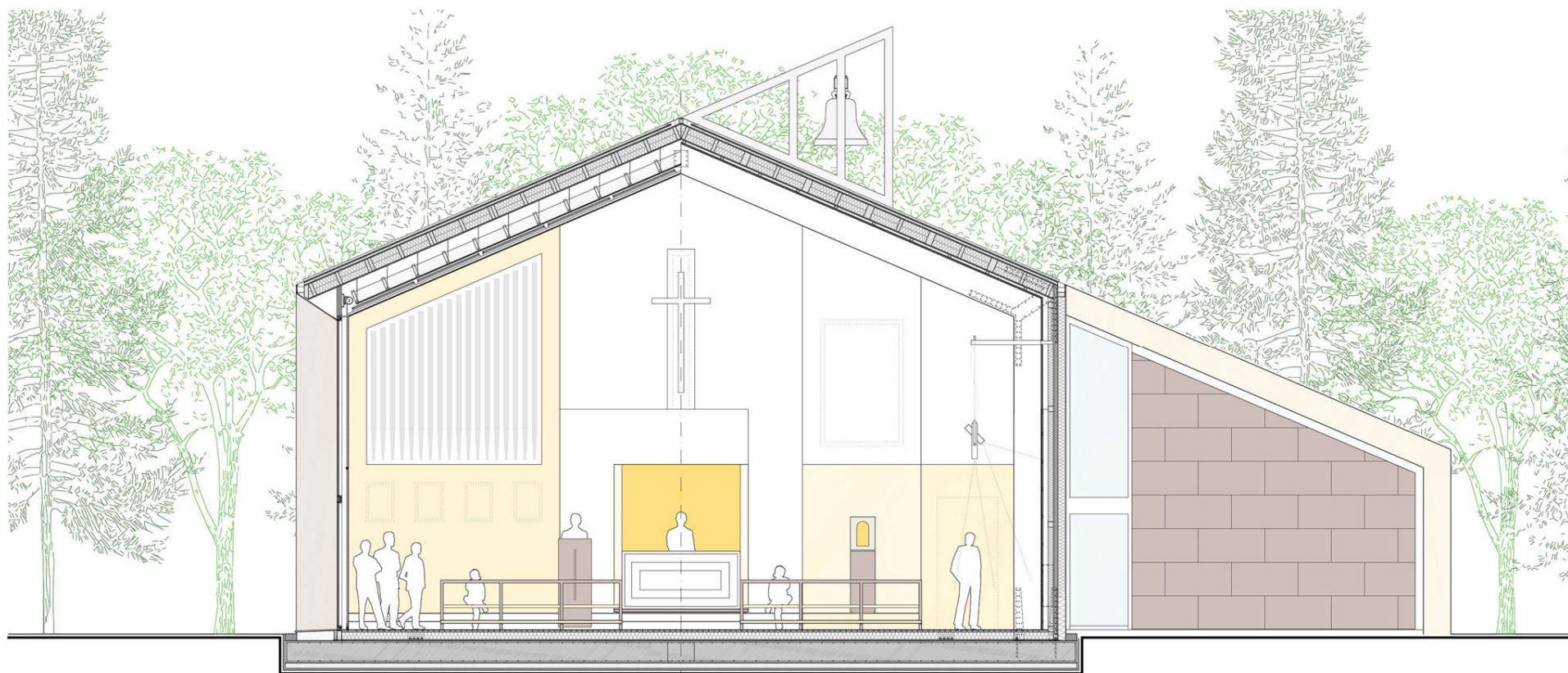
<http://www.marazziarchitetti.com/progetto/chiesa-in-legno-post-sisma/>

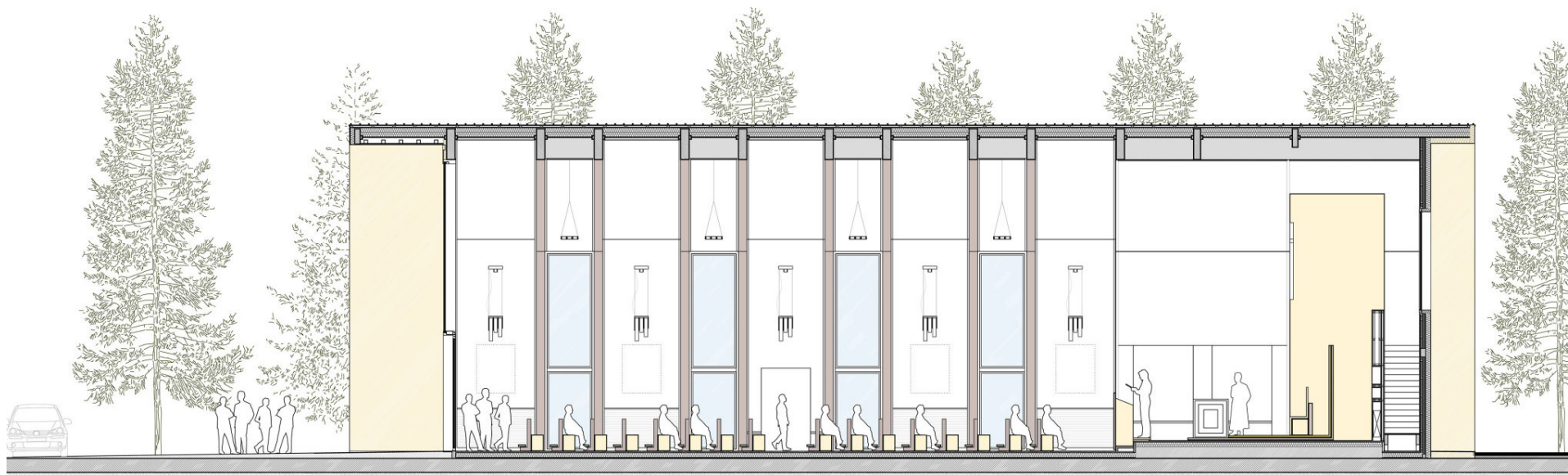














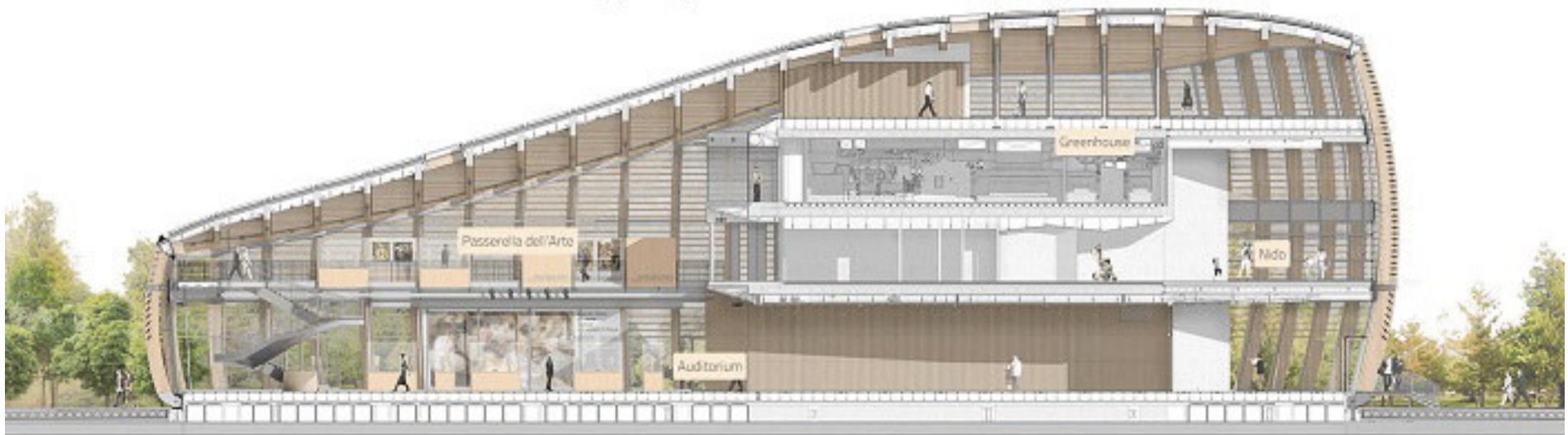
Unicredit Pavilion, Arch. Michele Lucchi

Milano, 2014

<https://www.infobuild.it/progetti/unicredit-pavilion/>

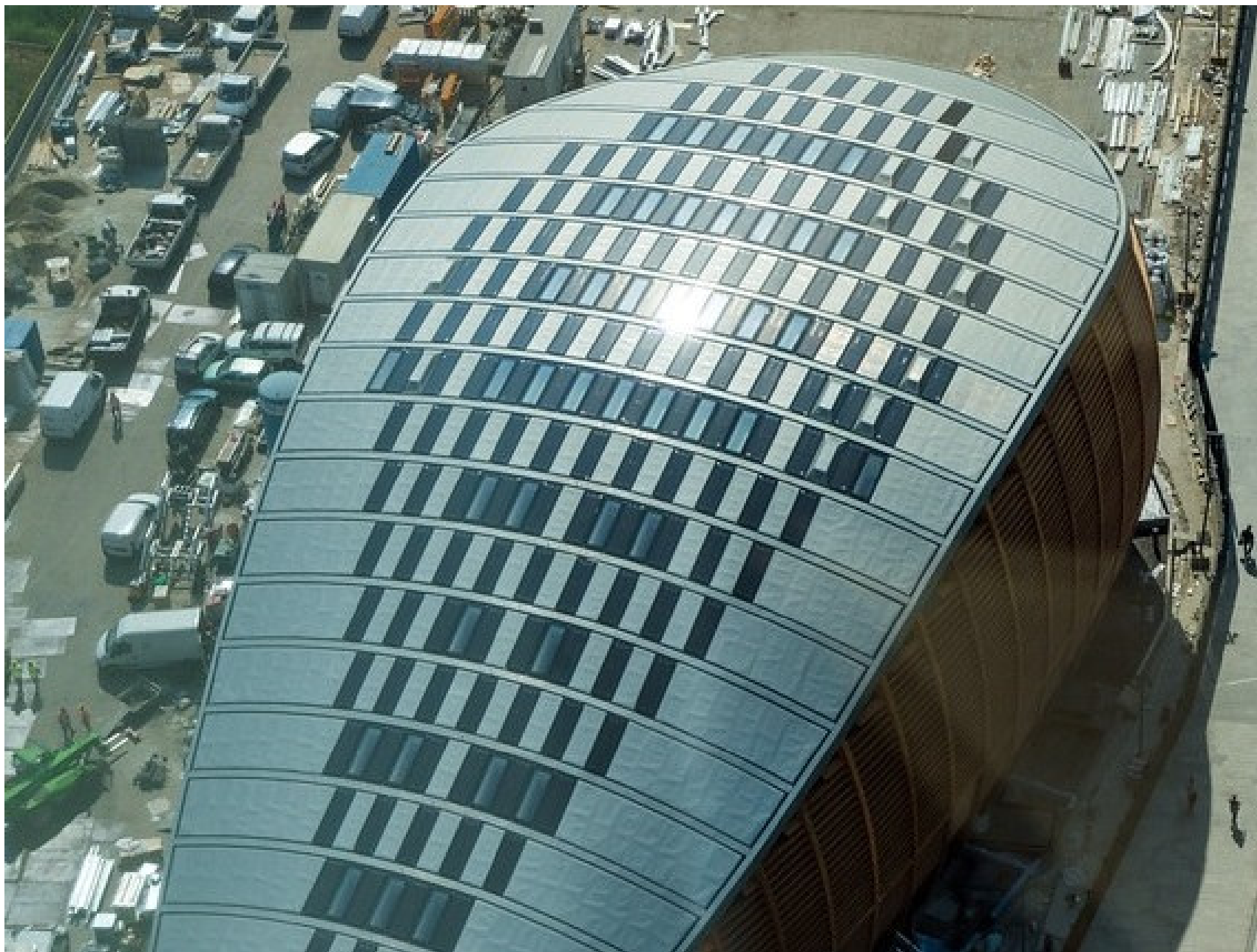












<https://living.corriere.it/tendenze/architettura/100-architetture-in-legno/>

<https://www.woodcape.it/edifici-pubblici-e-locali-ricettivi/>