

Gennaro Tampone

Università di Firenze

A

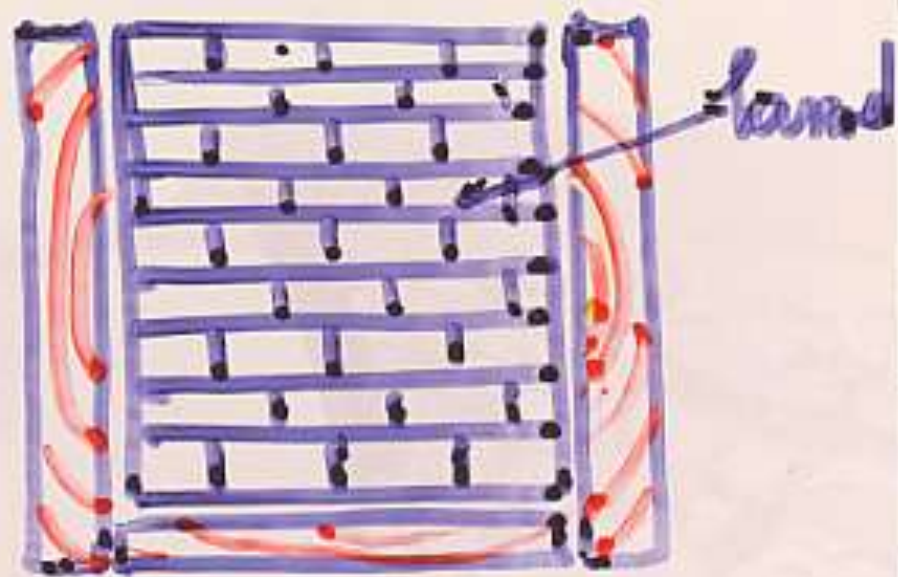
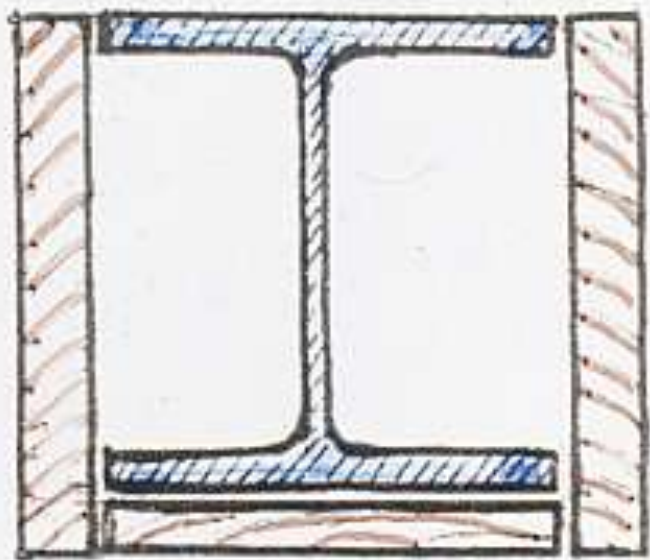
***“Criteri e tecniche di conservazione
delle strutture di legno”***

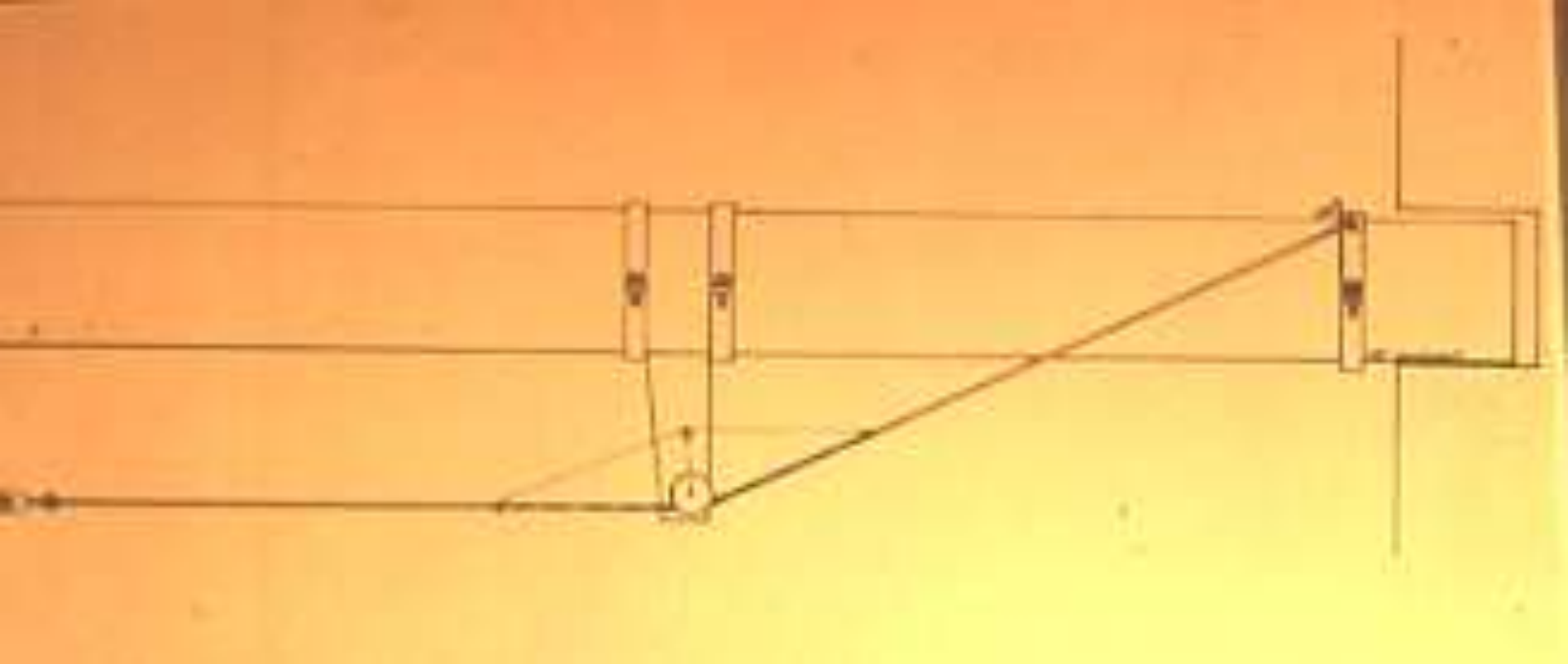
Alcamo e Trapani, 30 e 31 ottobre 2014

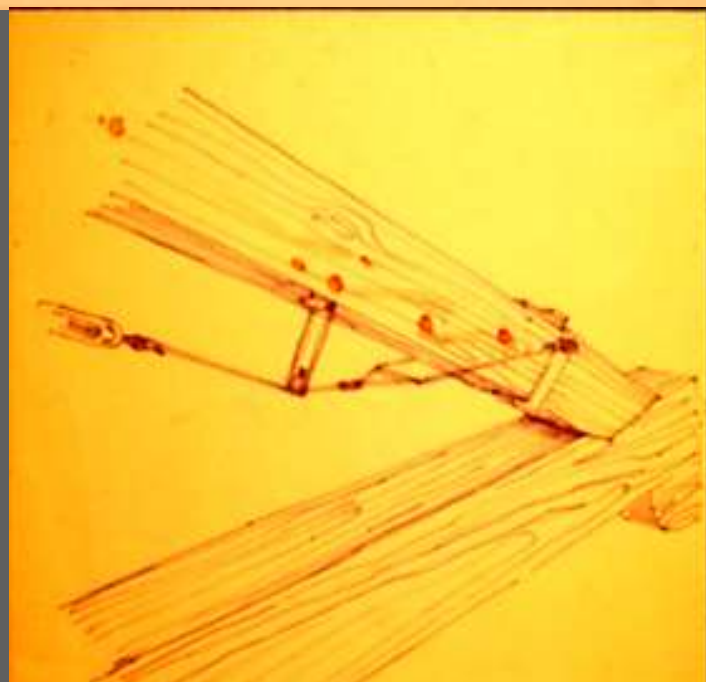
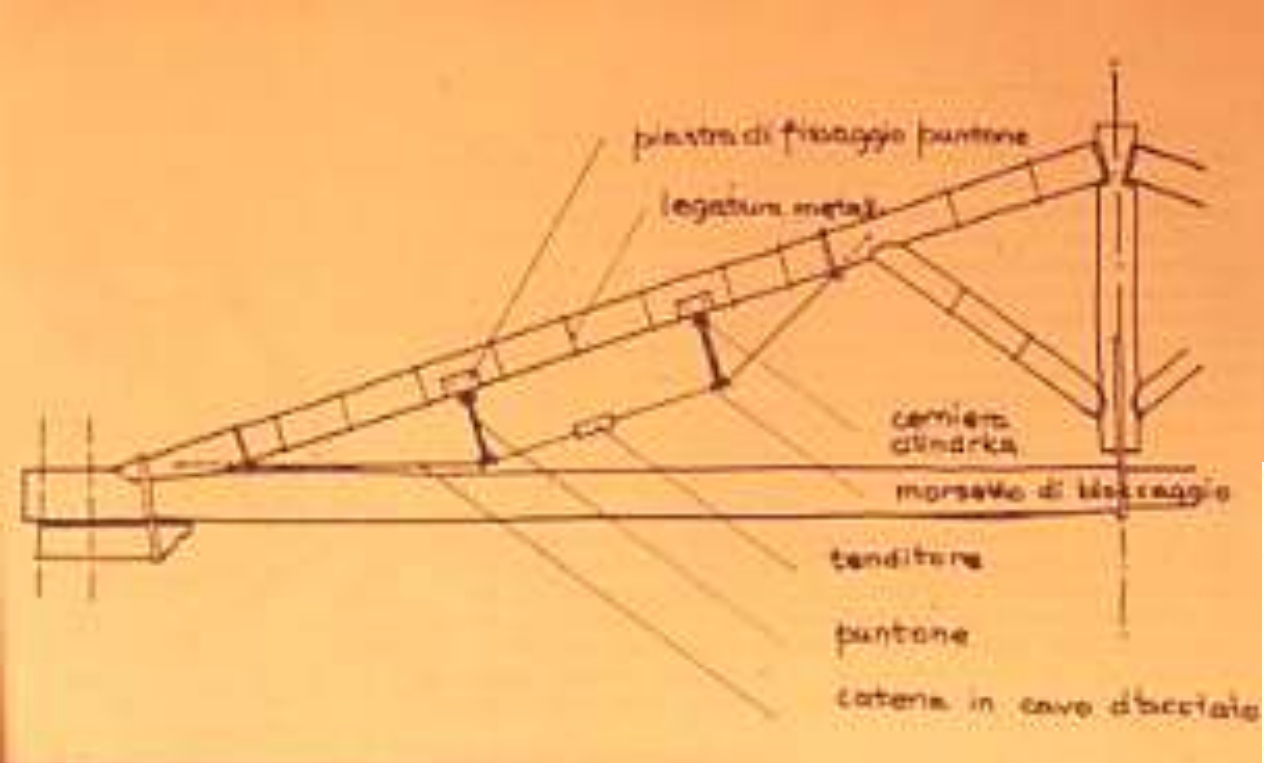
CRITERI

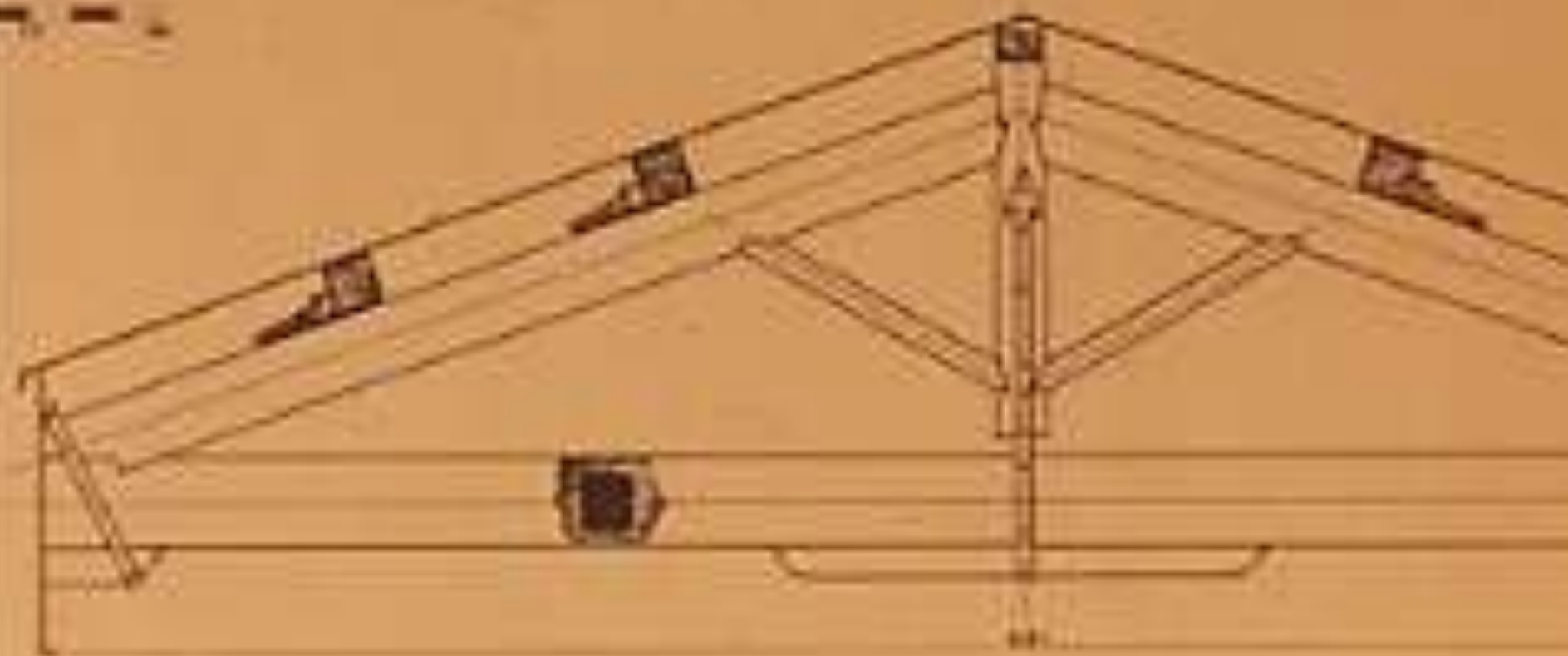
PROGRESSIONE

Consolidamento delle **MEMBRATURE**

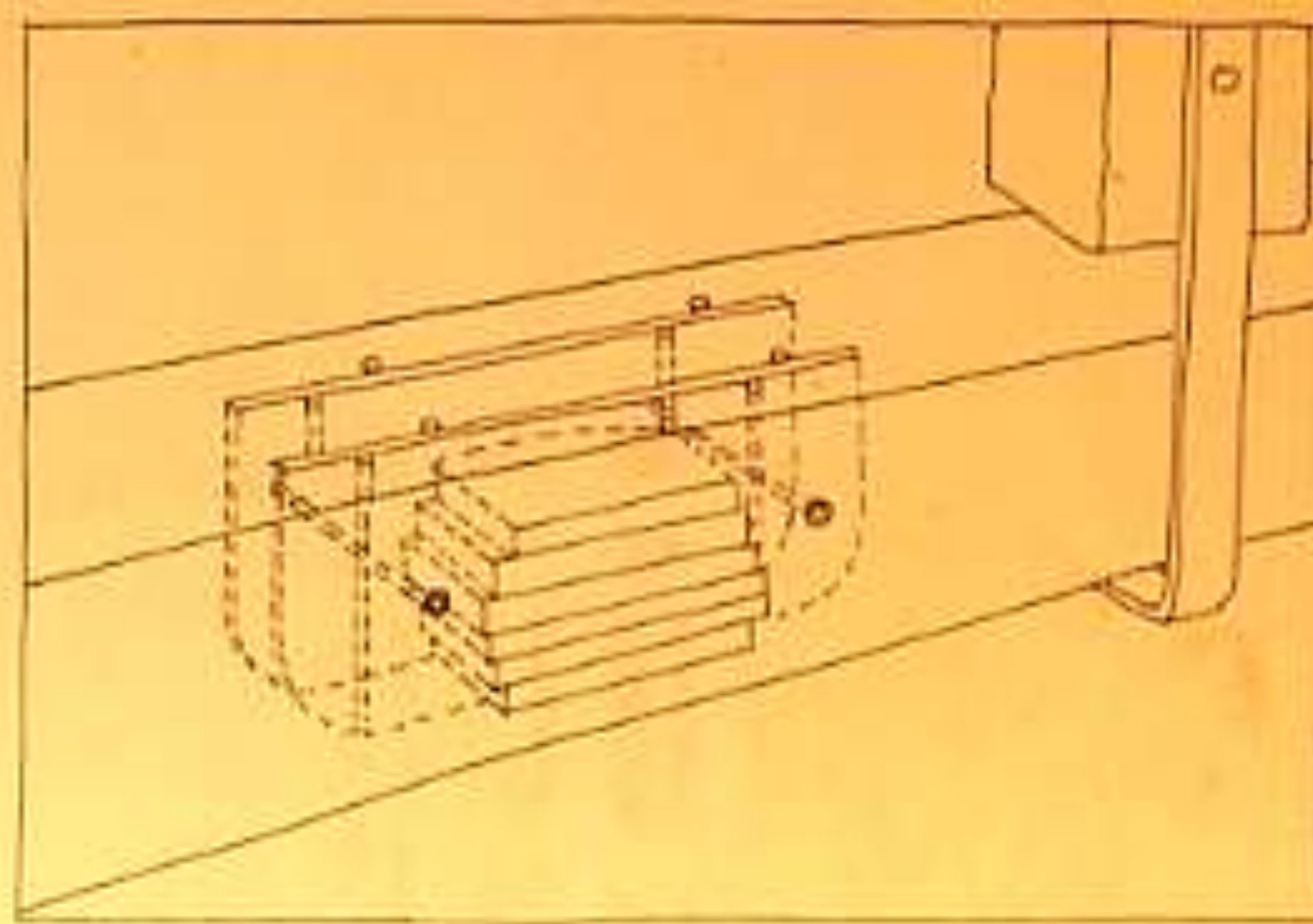














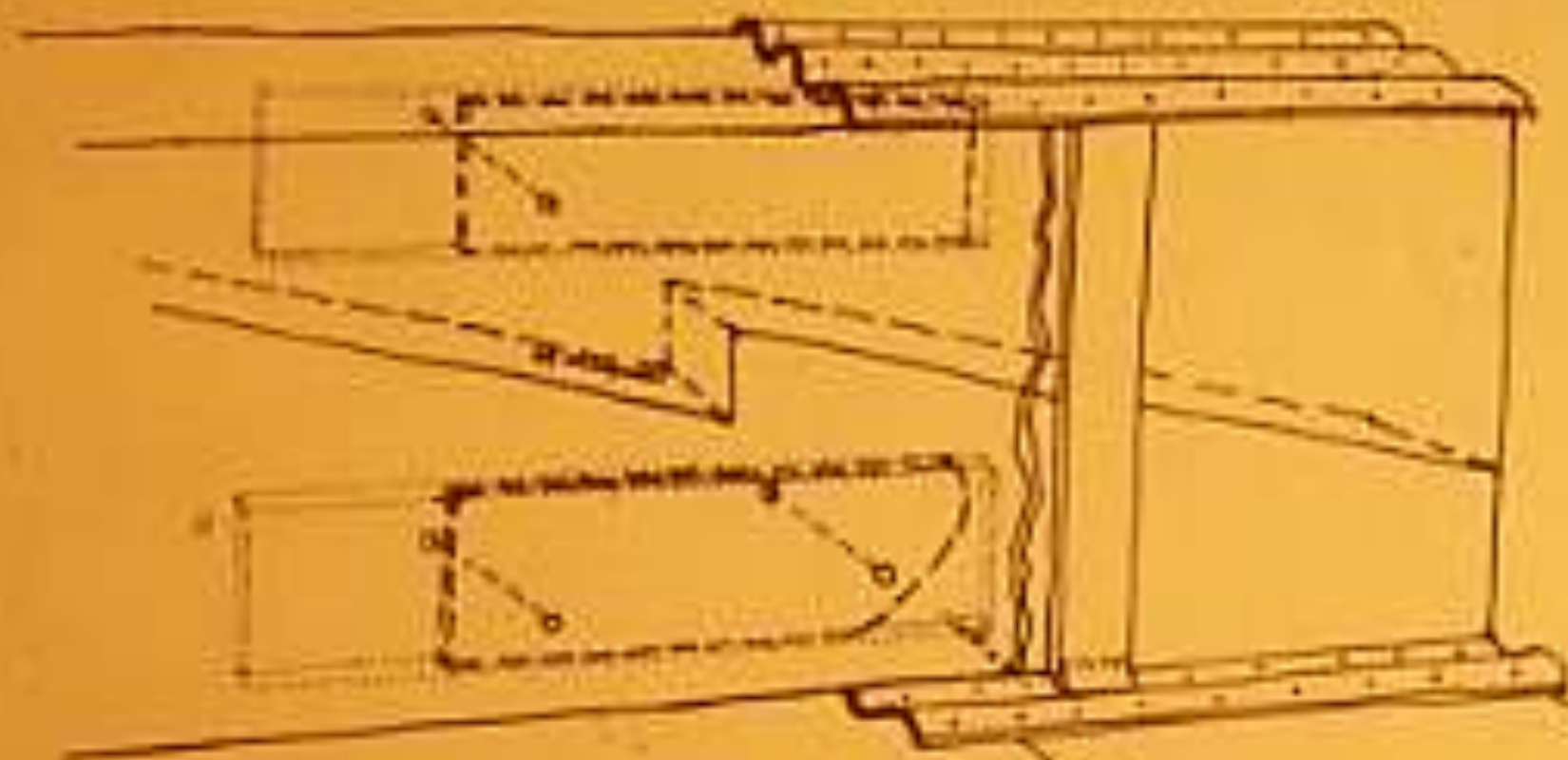












Consolidamento dei **COLLEGAMENTI**

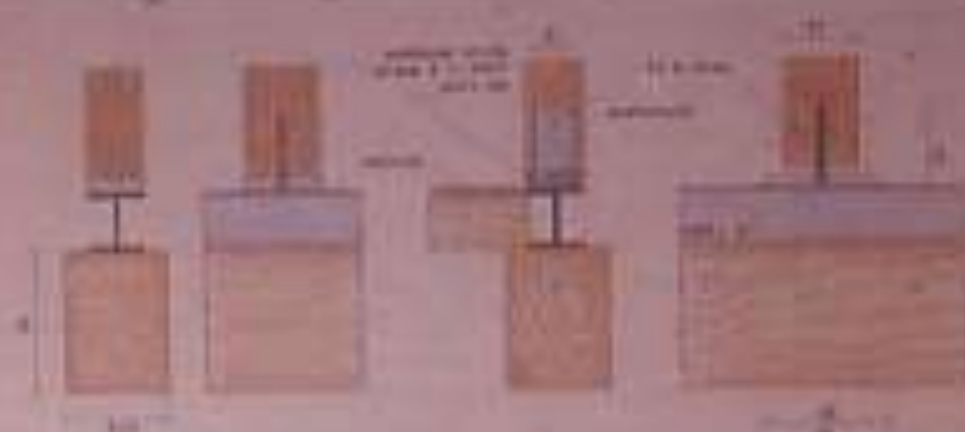
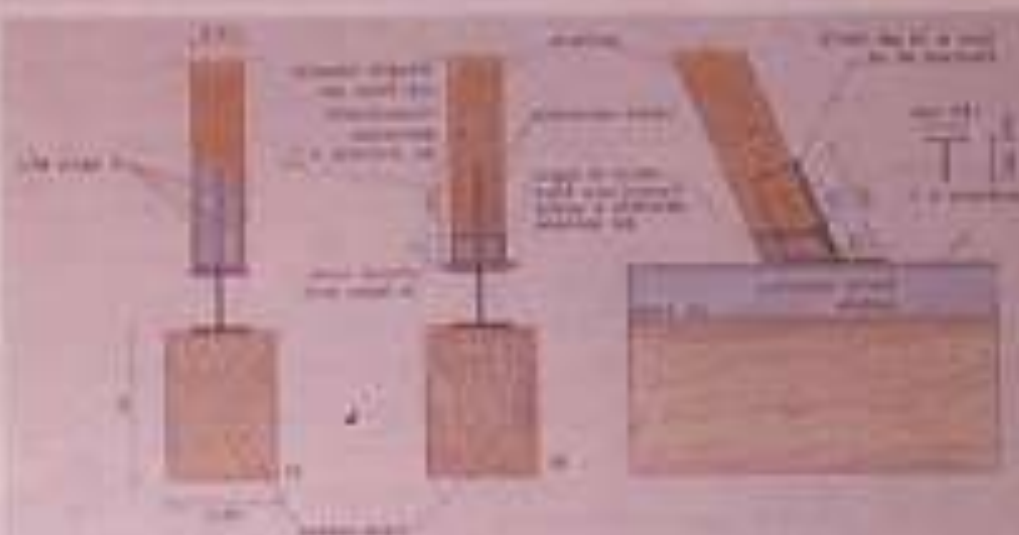


Diagram showing the assembly of the shaft and the base block. The shaft is inserted into the base block, and the top component is placed on top of the shaft. The diagram shows the shaft and the base block in two different positions: (a) fully assembled, and (b) partially disassembled.





a)



b)



c)



d)



e)



f)



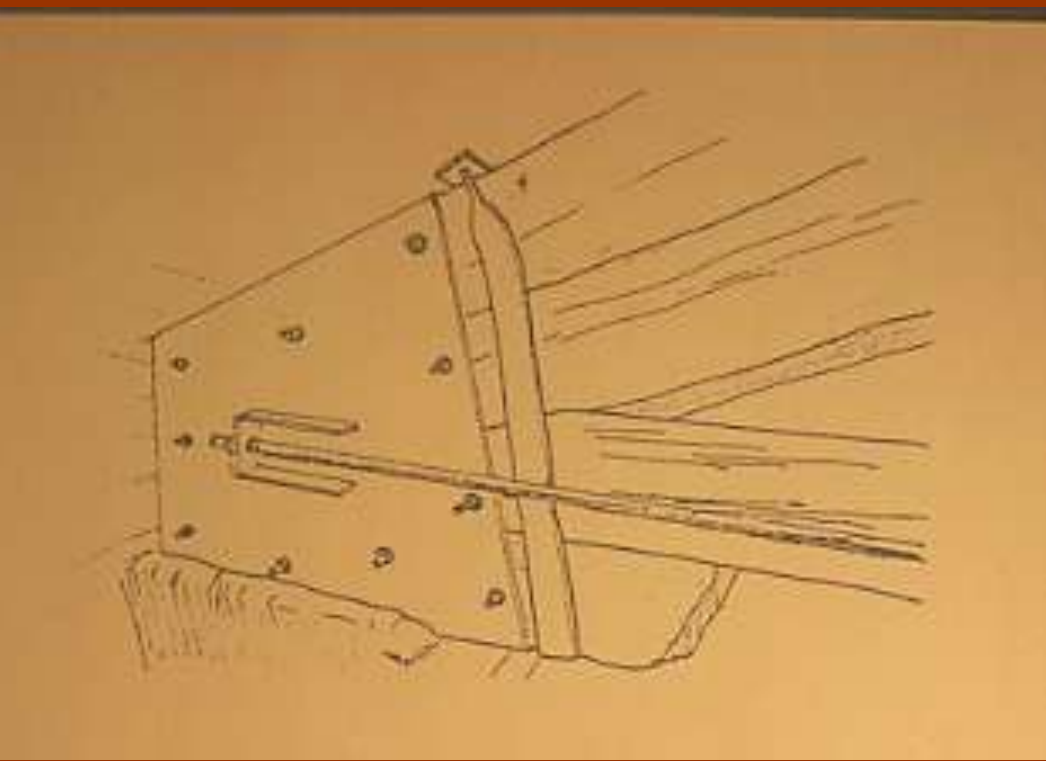
g)

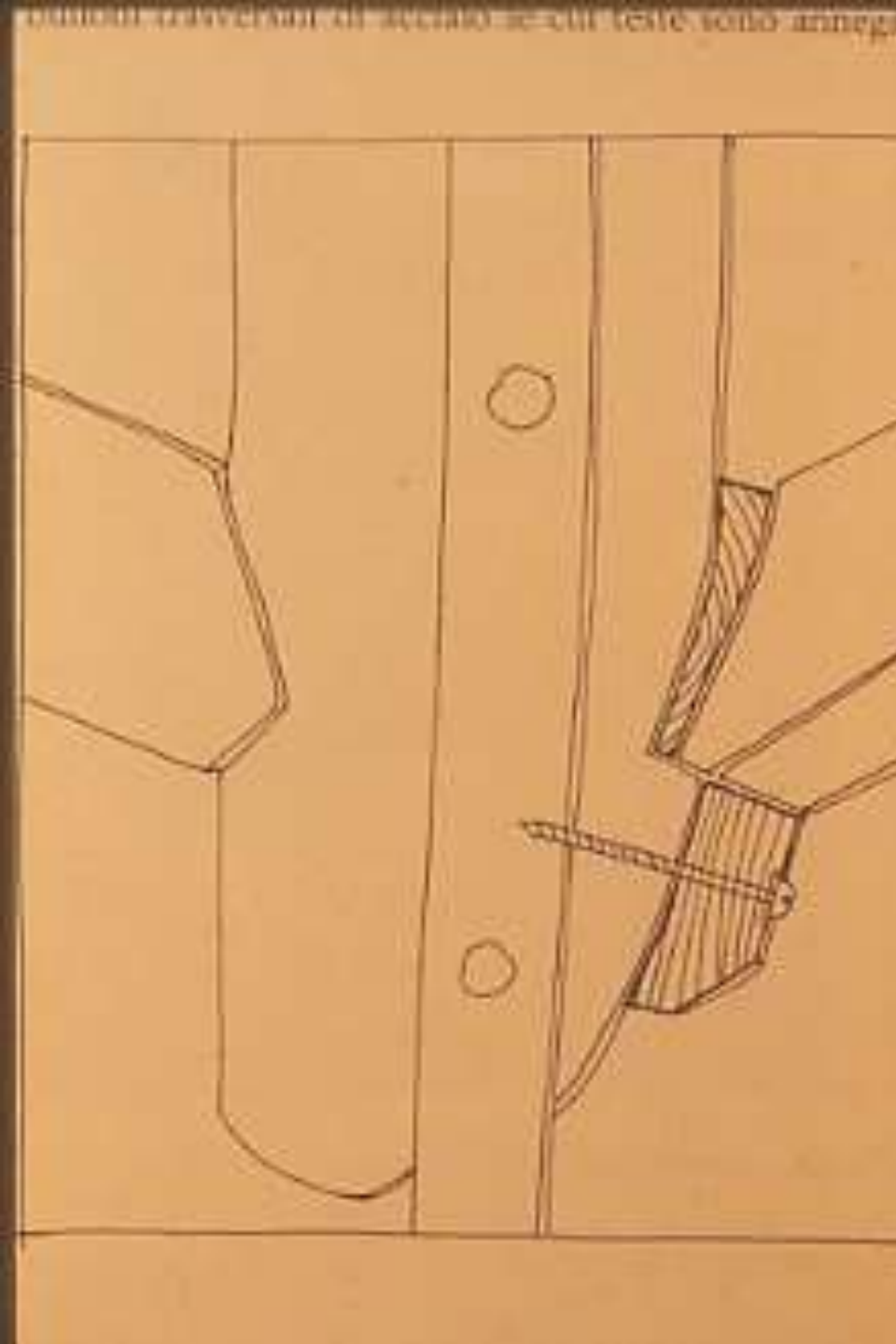


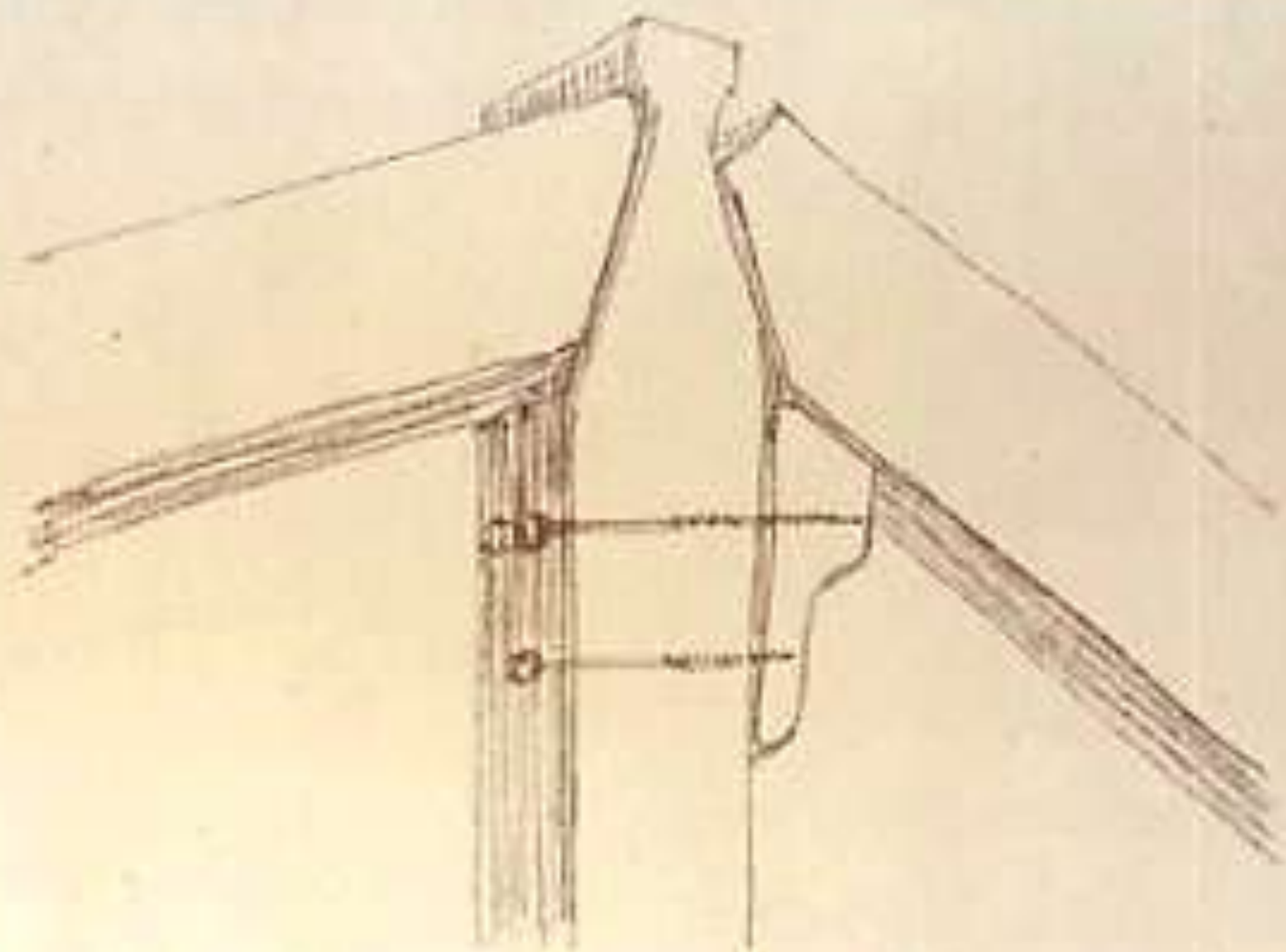
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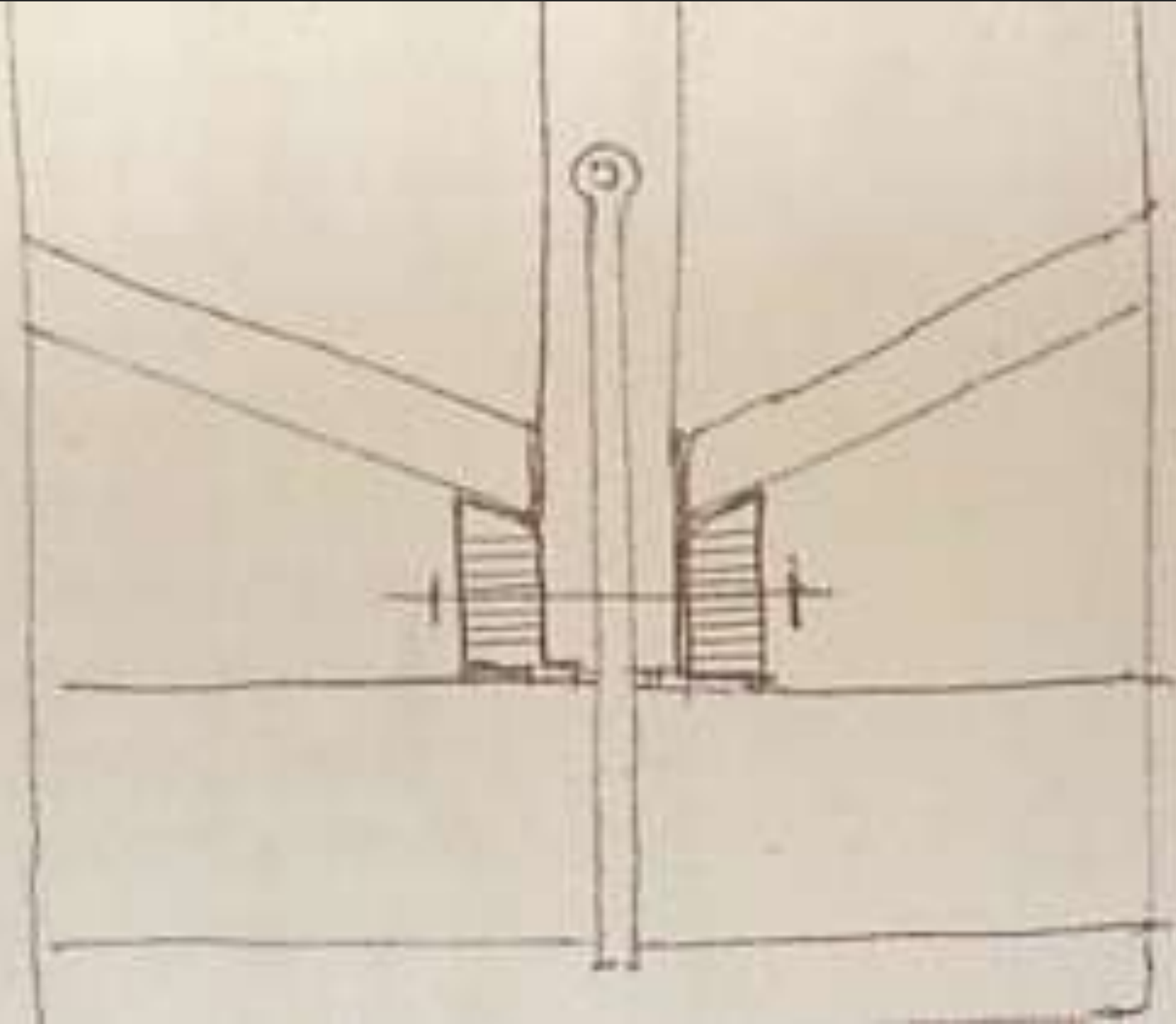
piastra in legno
confinato
e chiodatura











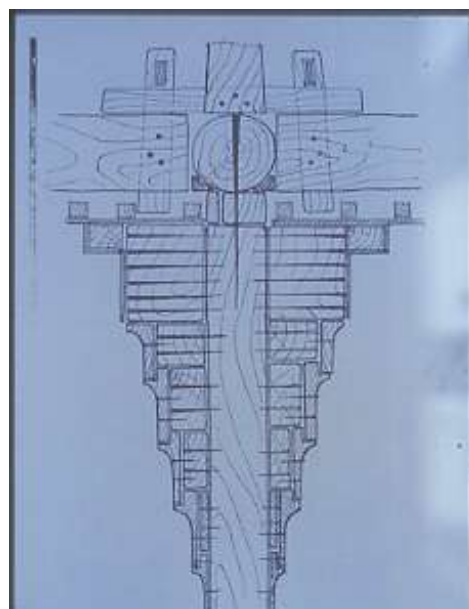
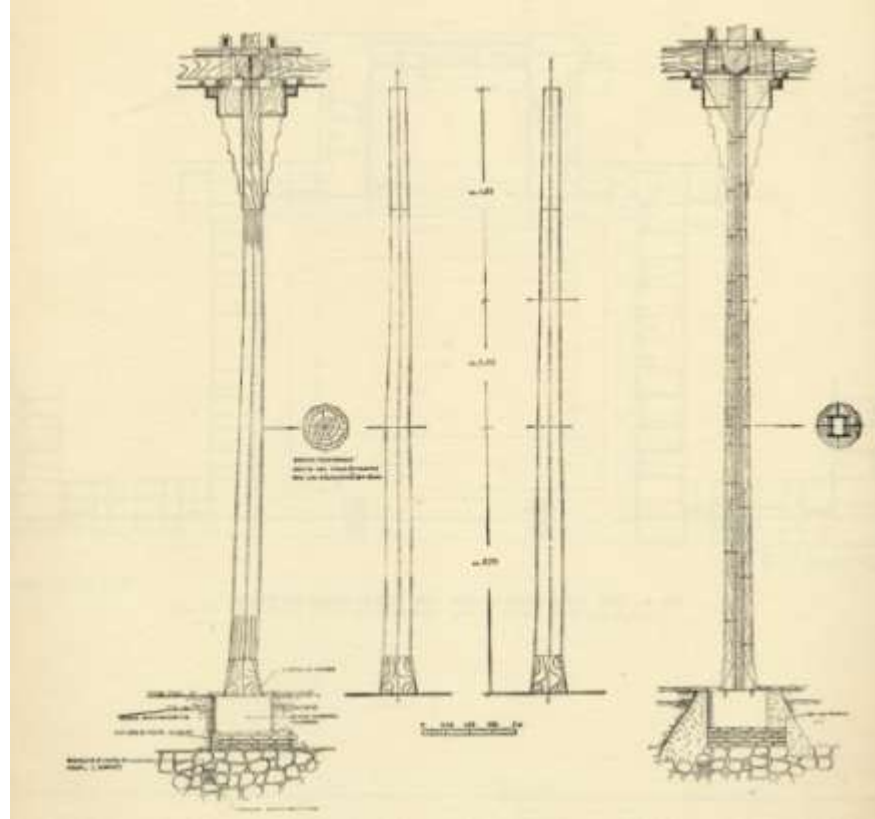
CONSOLIDAMENTO

delle *Unità Strutturali*

Consolidamento del “Talar”
del Palazzo di Ali Qapù a
Isfahan, Iran (Is.M.E.O., Italia)



Fig. 16 - Chihil Sutūn. La façade avec son décor en miroirs, aujourd'hui disparus, d'après une vieille photographie (Phot. du Service Archéologique d'Ispahan).



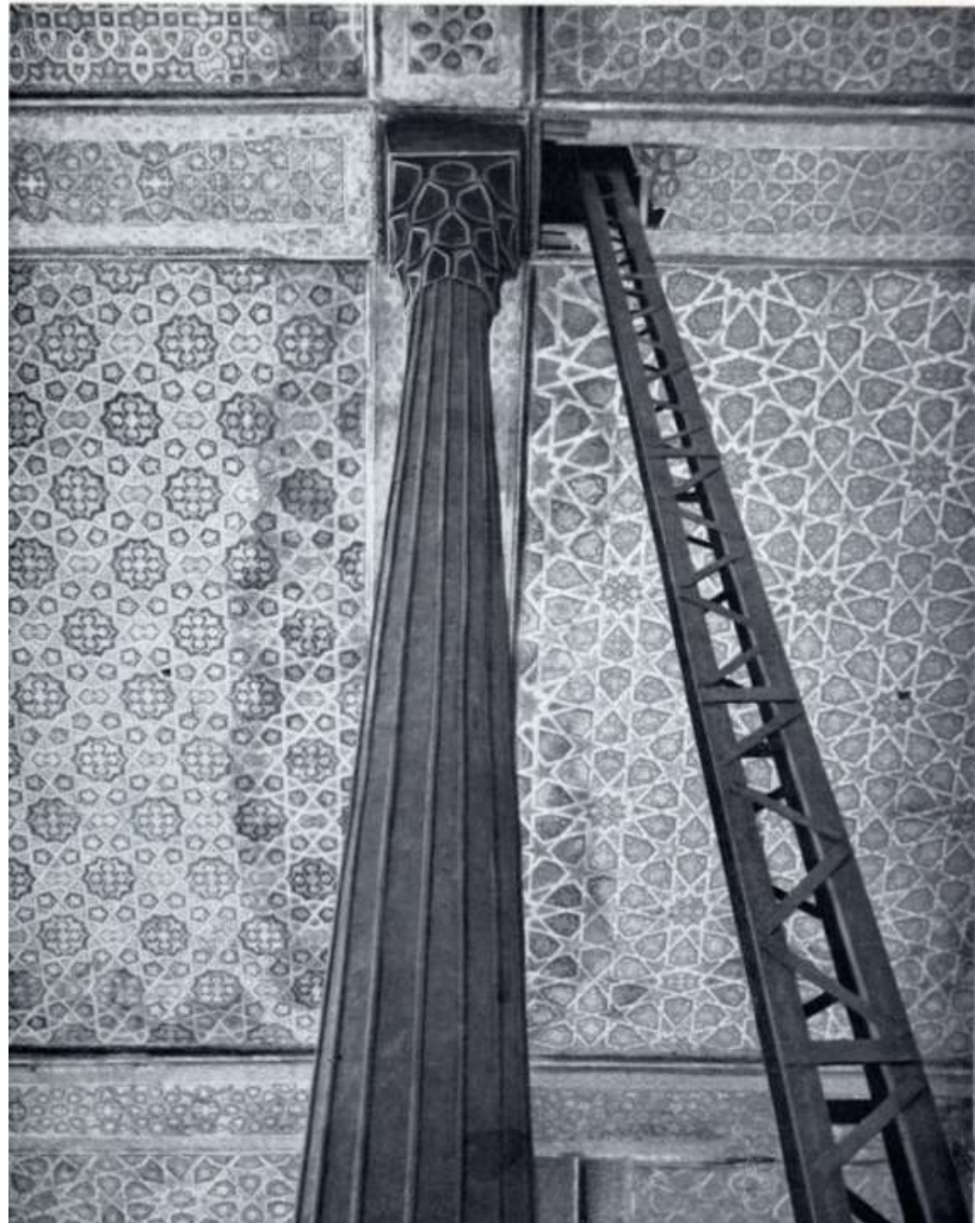
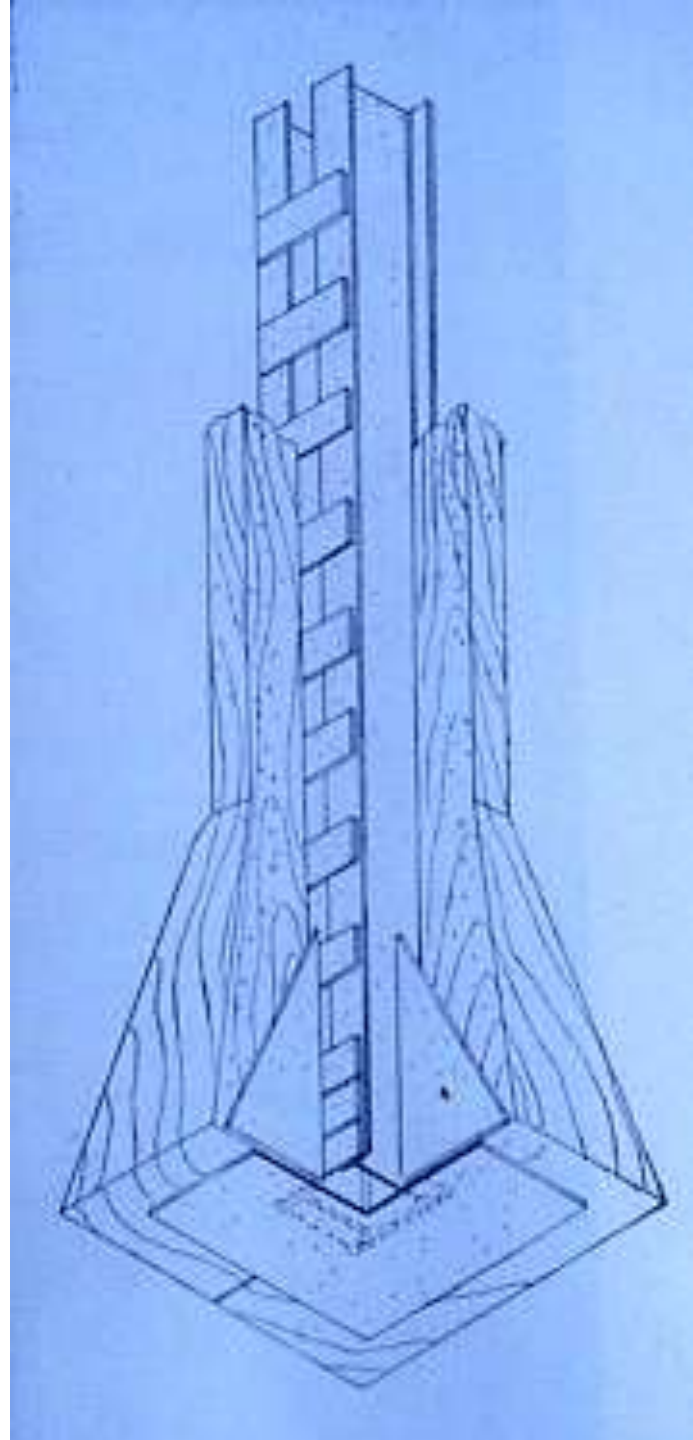




Fig. 23 -- Čihil Sutûn, Déplacement de la colonne du *sâlâr* à restaurer.

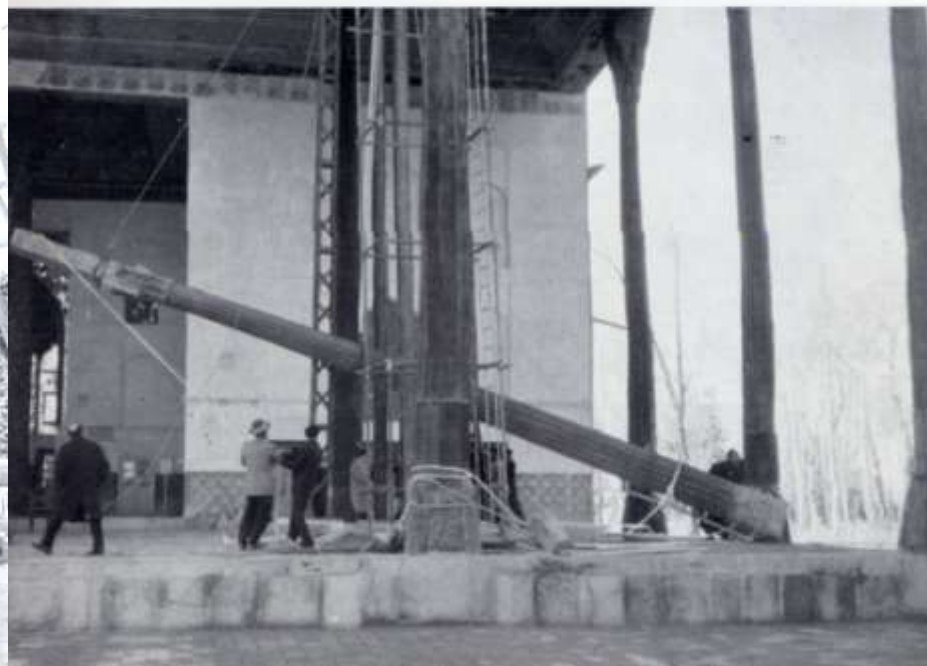


Fig. 25 – Çihil Sutûn. Un chapiteau du nâir, photographié du haut de l'échafaudage provisoire (v. la coupe, fig. 12).

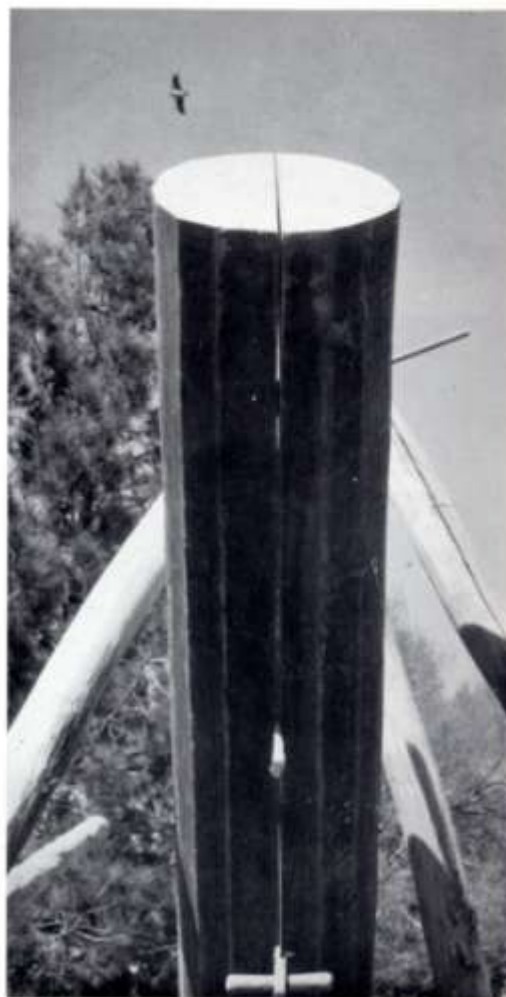
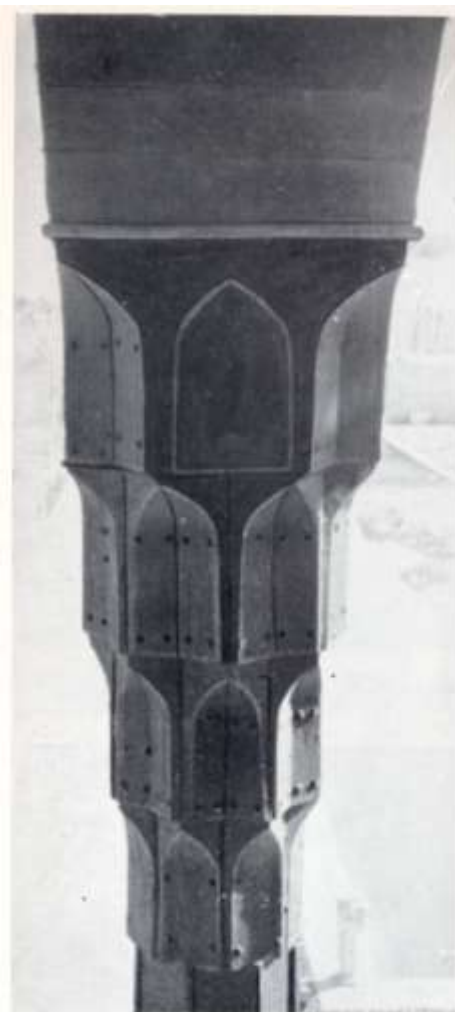


Fig. 26 – Çihil Sutûn. Le fût de la colonne du nâir est sectionné longitudinalement, afin de réaliser le projet illustré aux figs. 10 et 11, c'est-à-dire pour y introduire l'armature en fer.

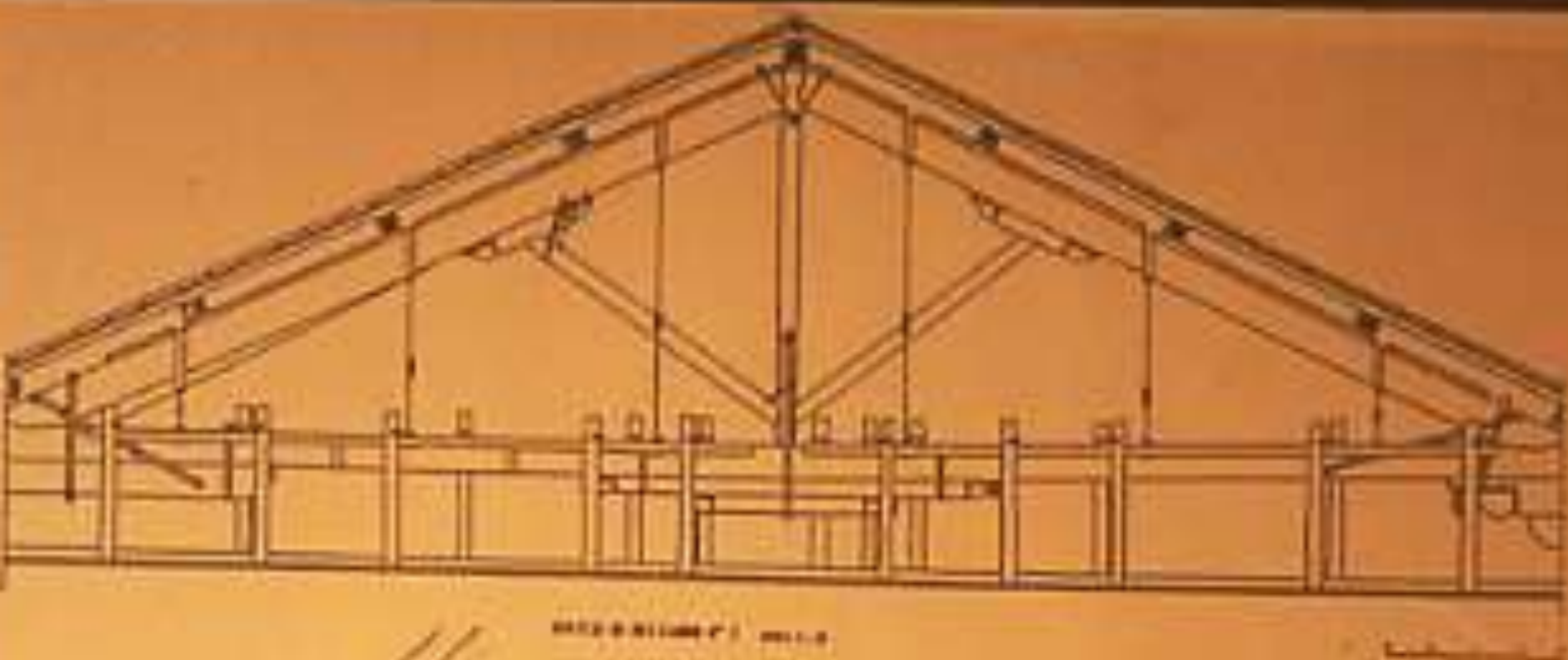




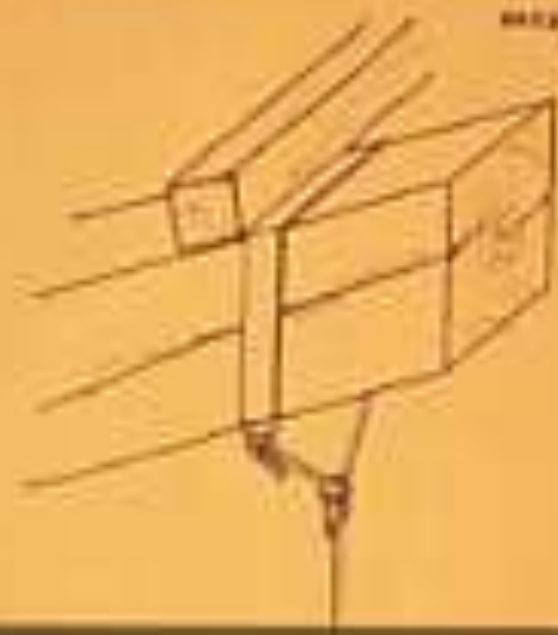
Fig. 11 - Côté Sud. Préparation et montage de la colonne de sillon.



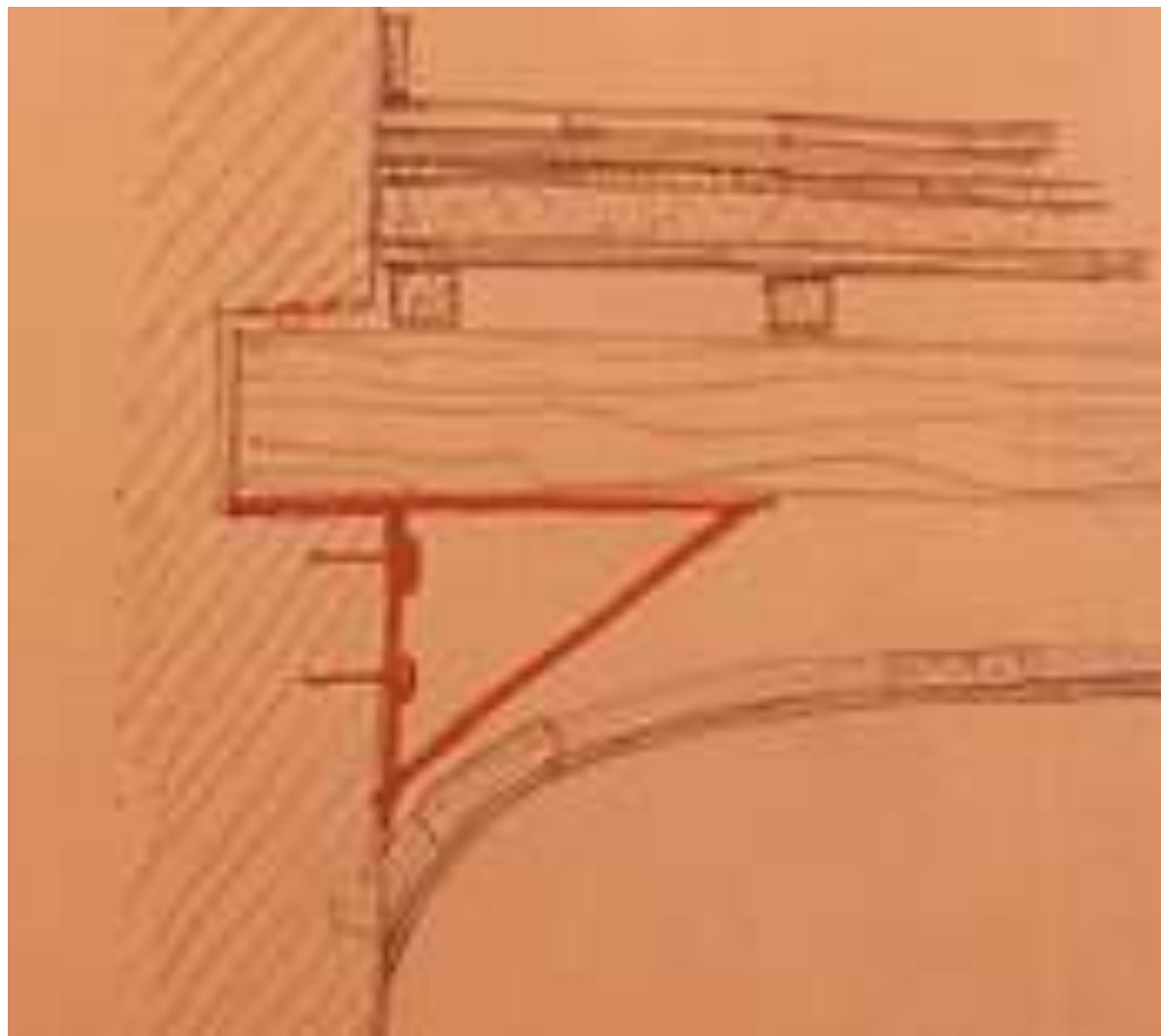
RESTAURO DELLE CAPRIATE

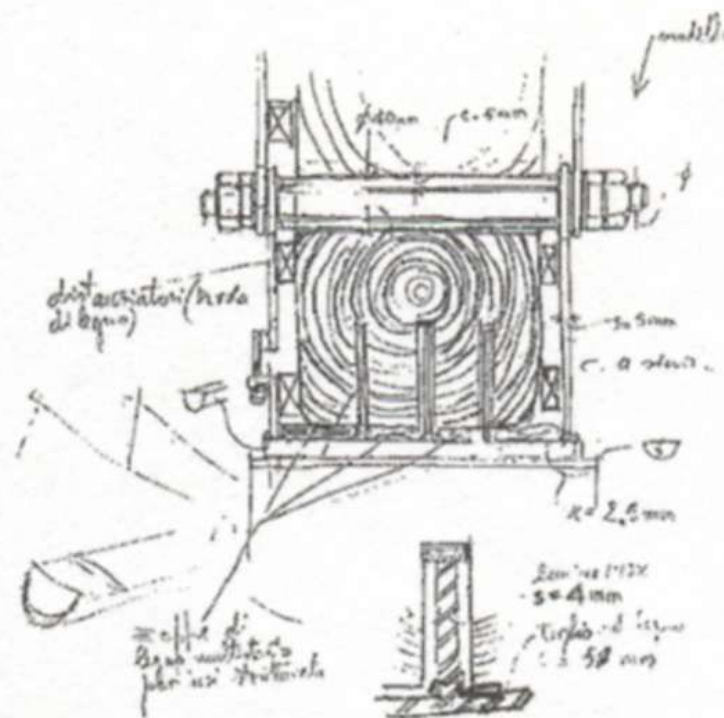
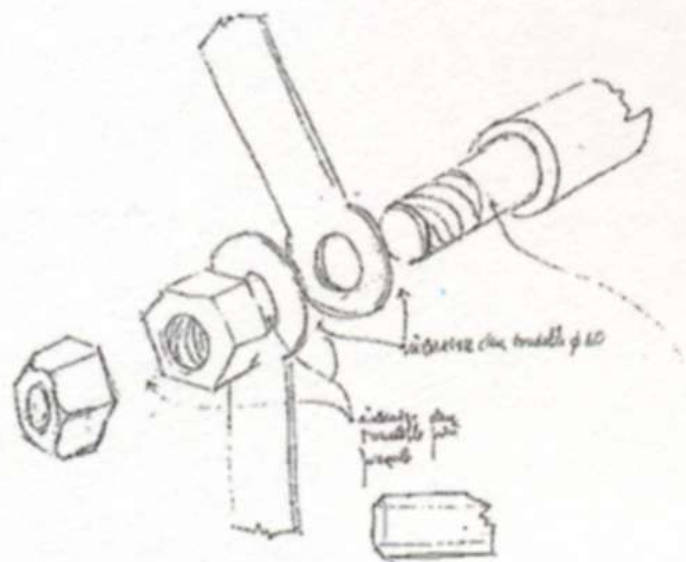
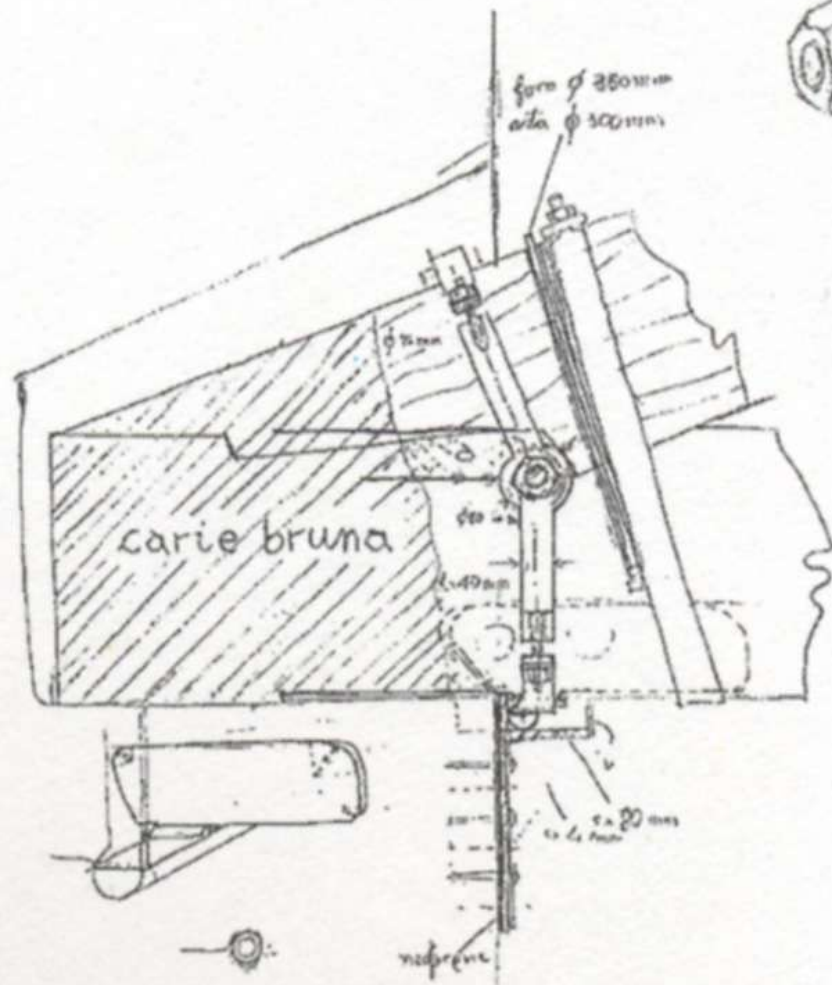


WALL & ROOF JOINT DETAIL

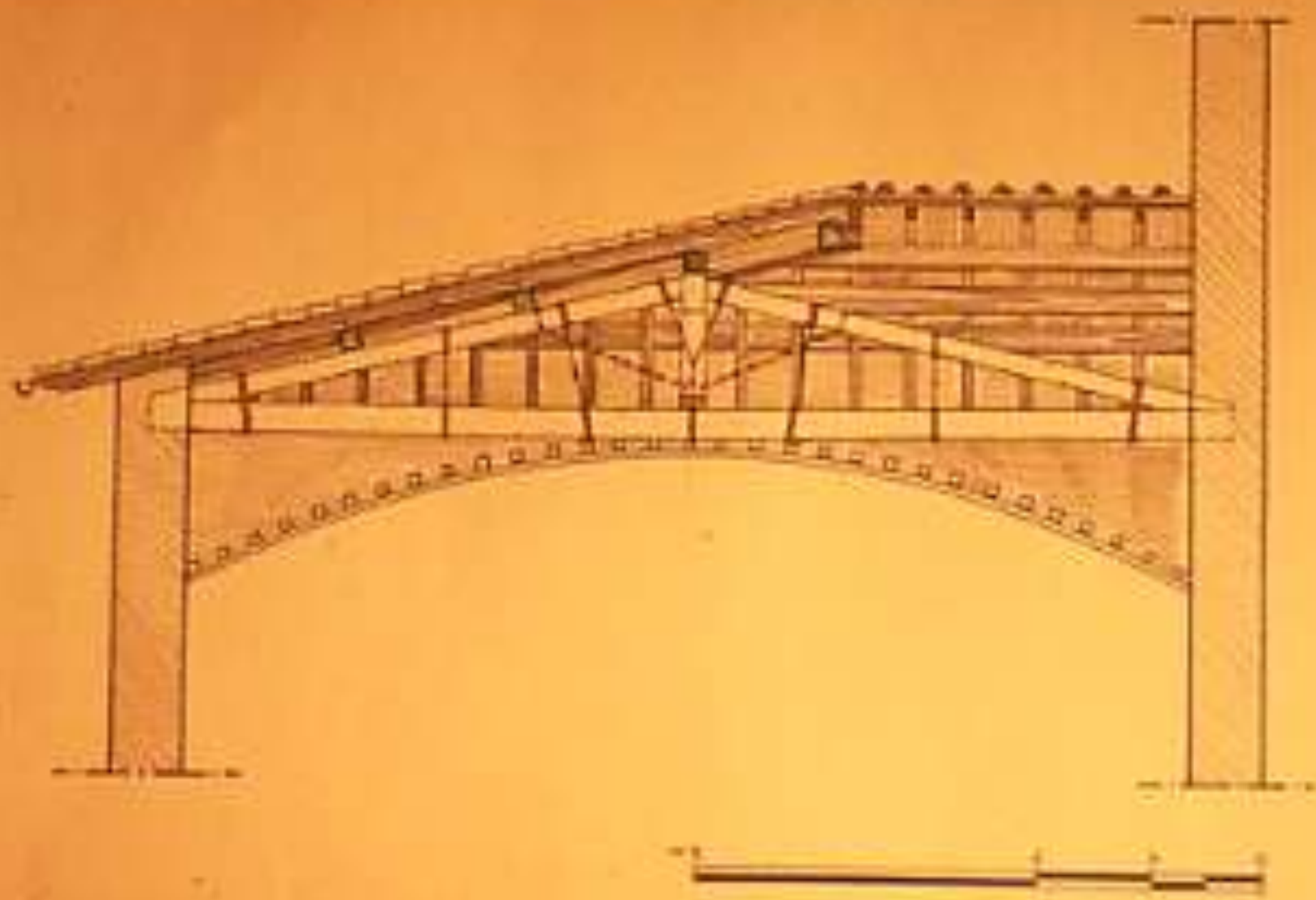




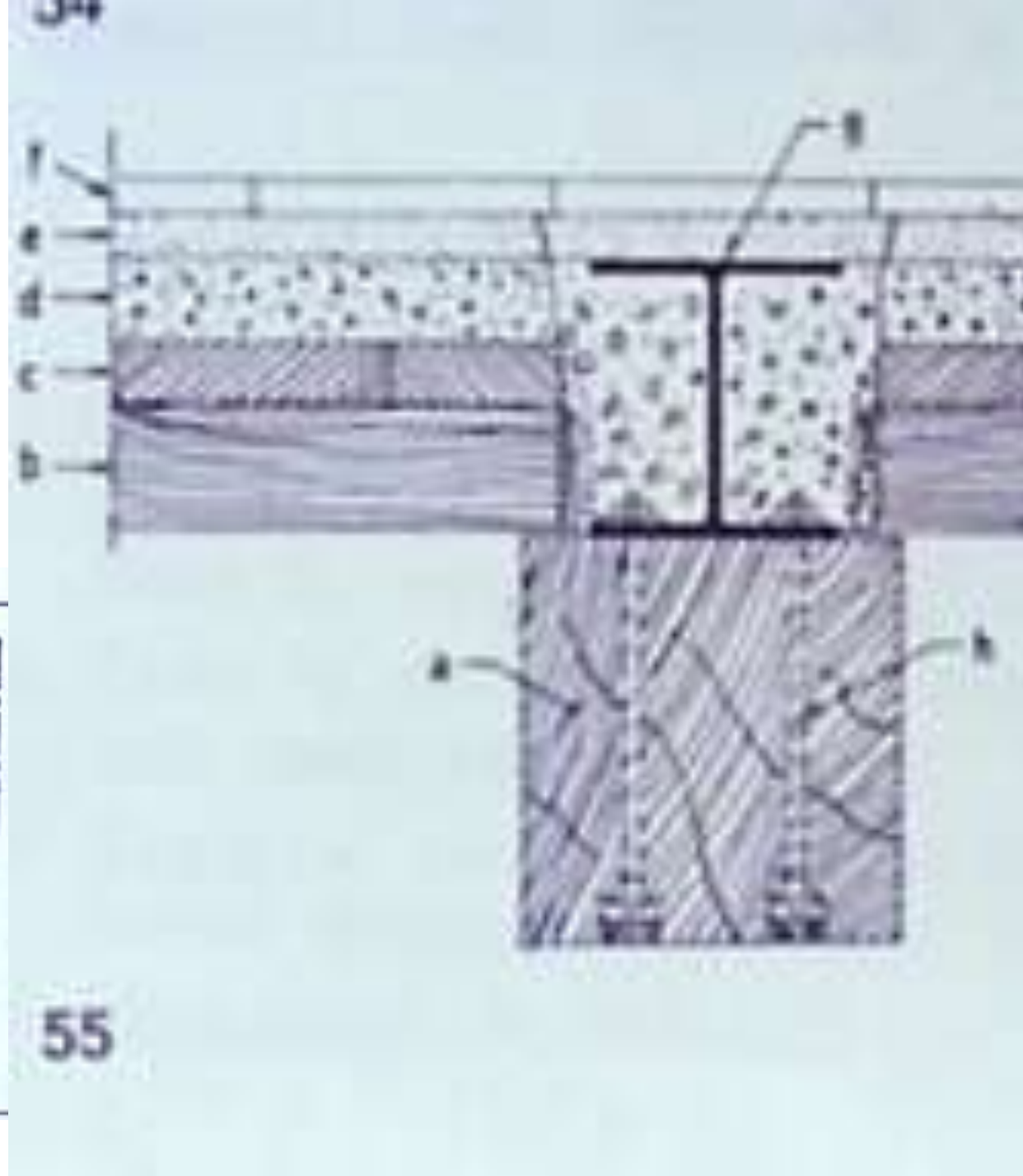
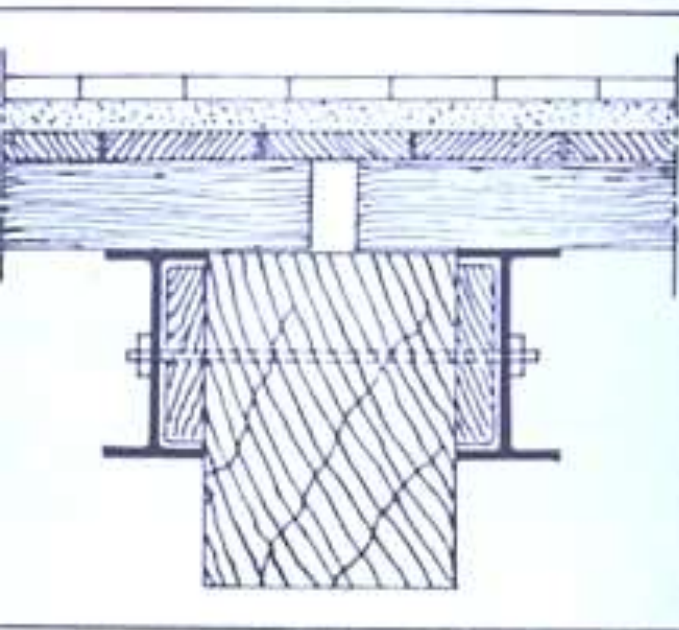
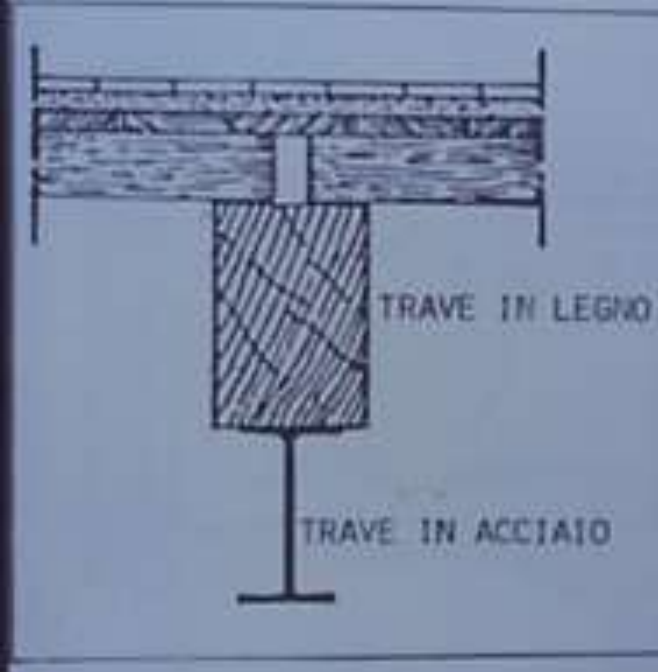


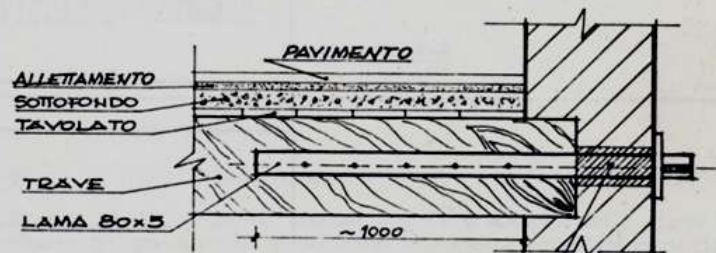
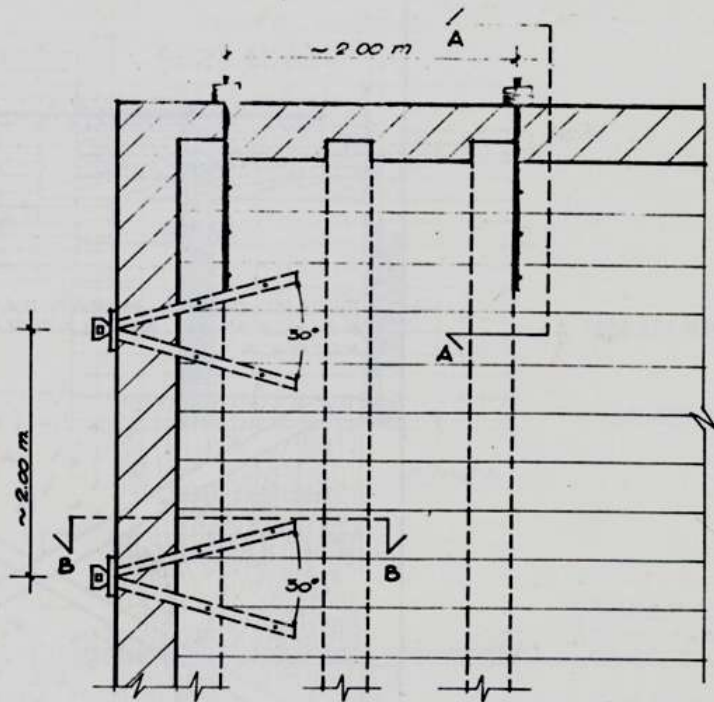




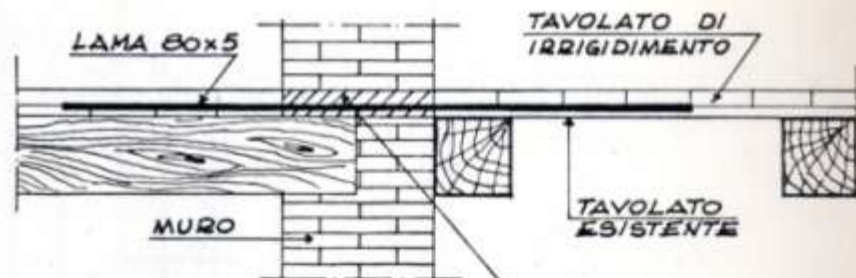
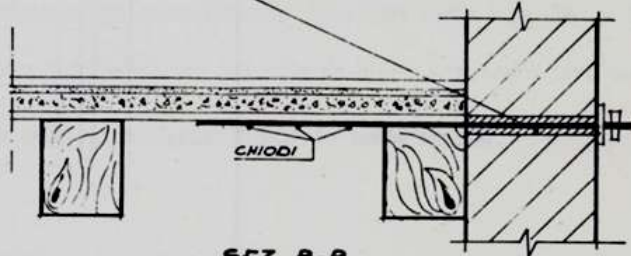


RESTAURO *dei* SOLAI

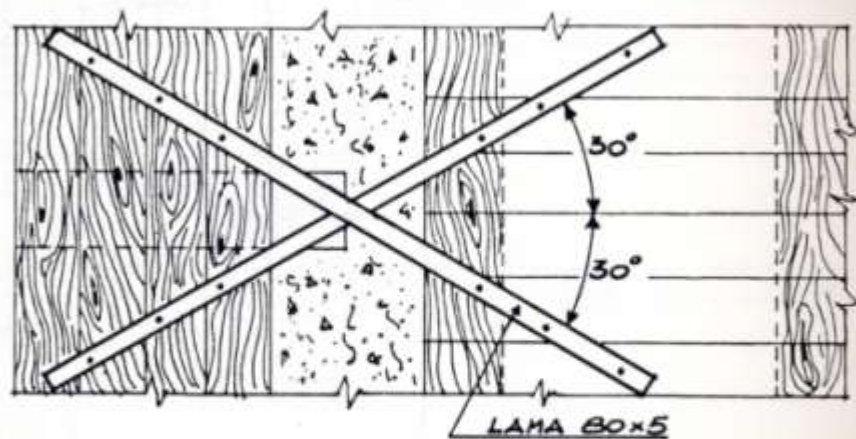




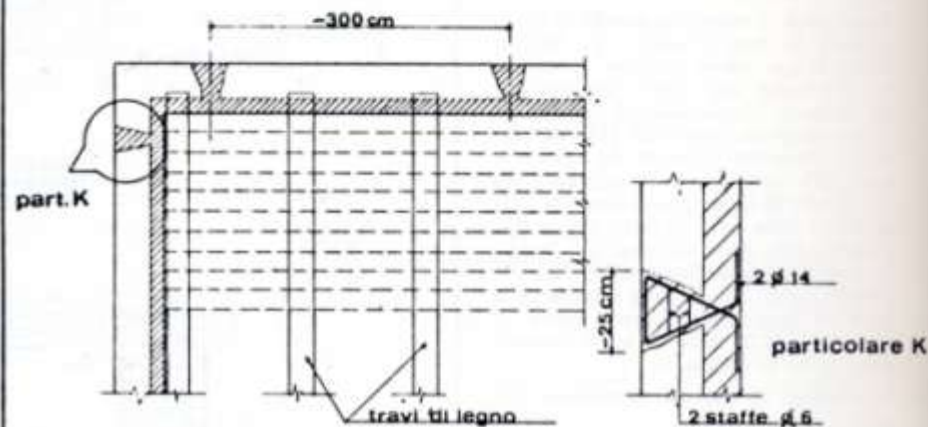
TAGLIO DELLA MURATURA PER L'INSERIMENTO DELLA LAMA E SUCCESSIVA SIGILLATURA CON MALTA A STABILITA' VOLUMETRICA



TAGLIO DELLA MURATURA PER L'INSERIMENTO DELLA LAMA E SUCCESSIVA SIGILLATURA CON MALTA A STABILITA' VOLUMETRICA

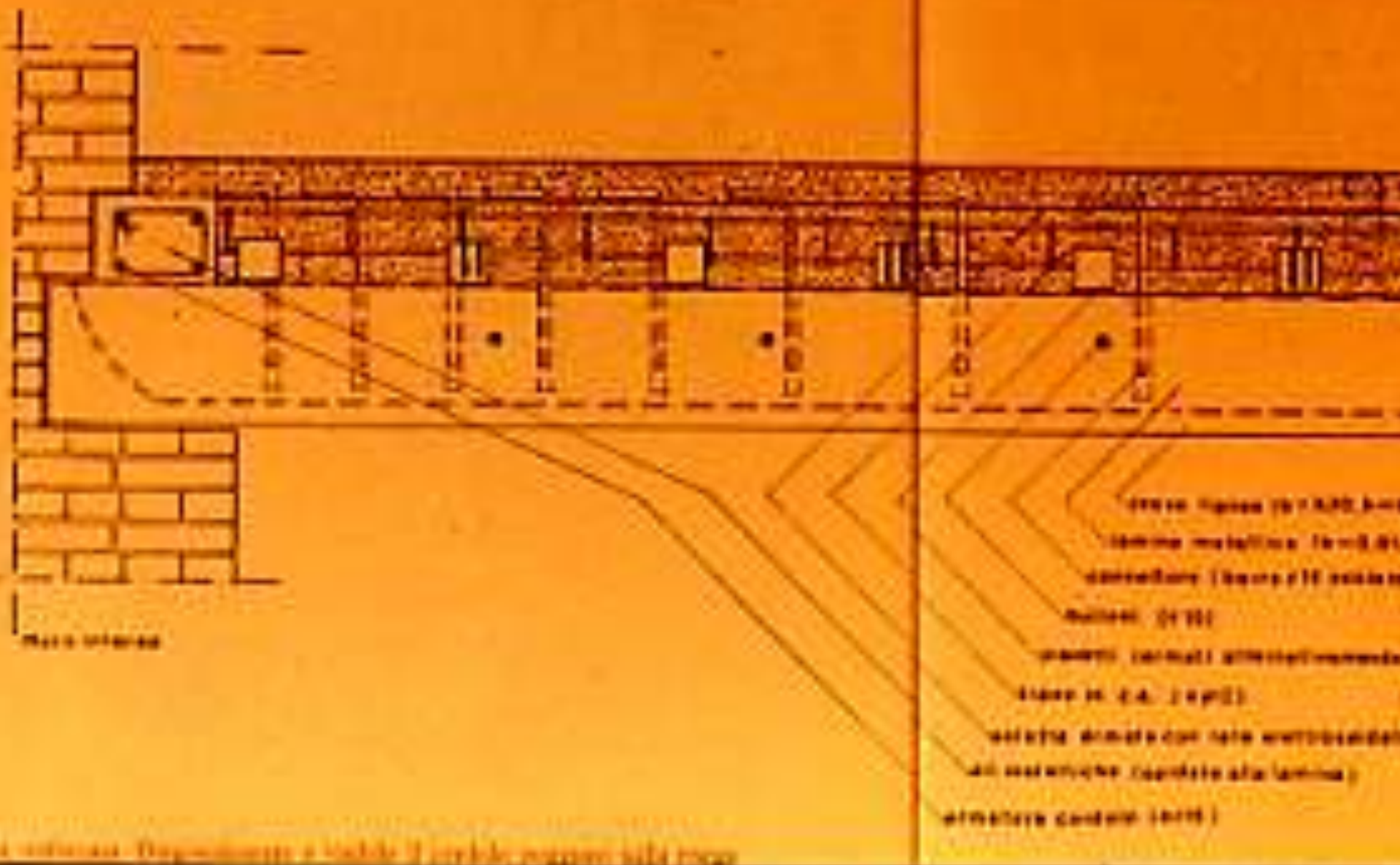


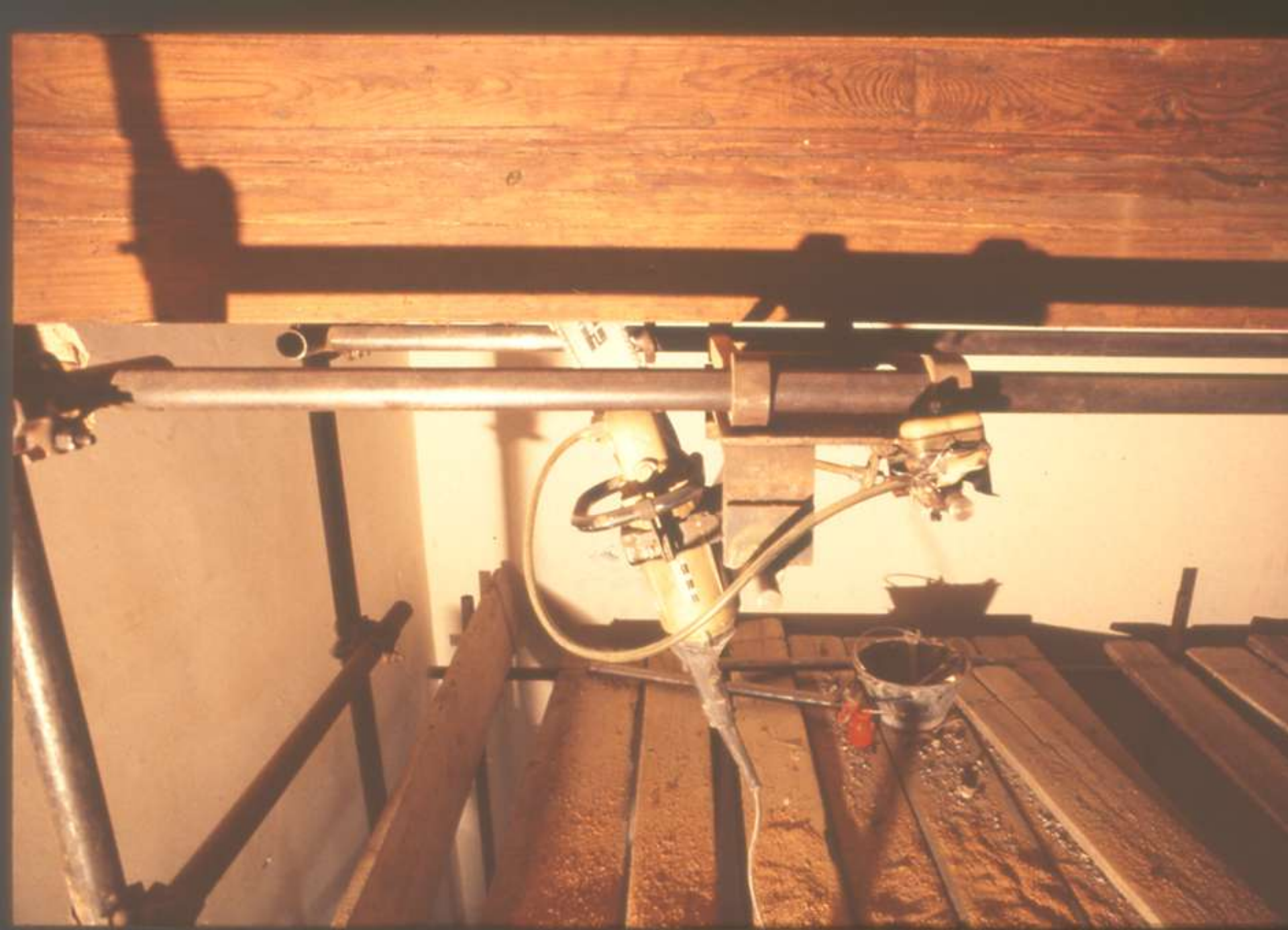
58













connettore acciaio (foro $\varnothing 14$) $\varnothing 12$

rete elettrosaldata (maglie 100x100) $\varnothing 8$

trave in d.a. $\varnothing 12$

stiffa $\varnothing 8$

pavimento

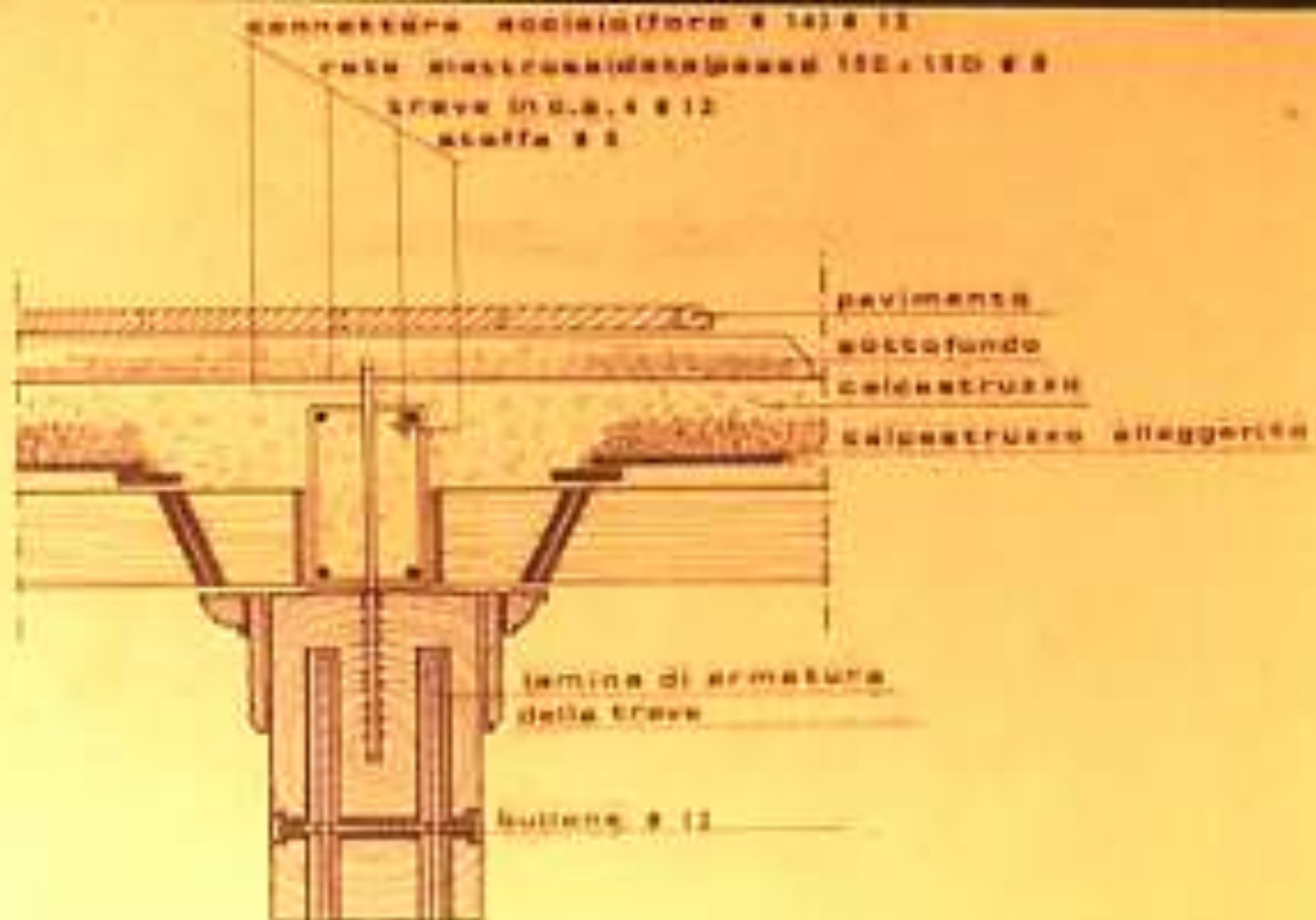
sottofondo

calcestruzzo

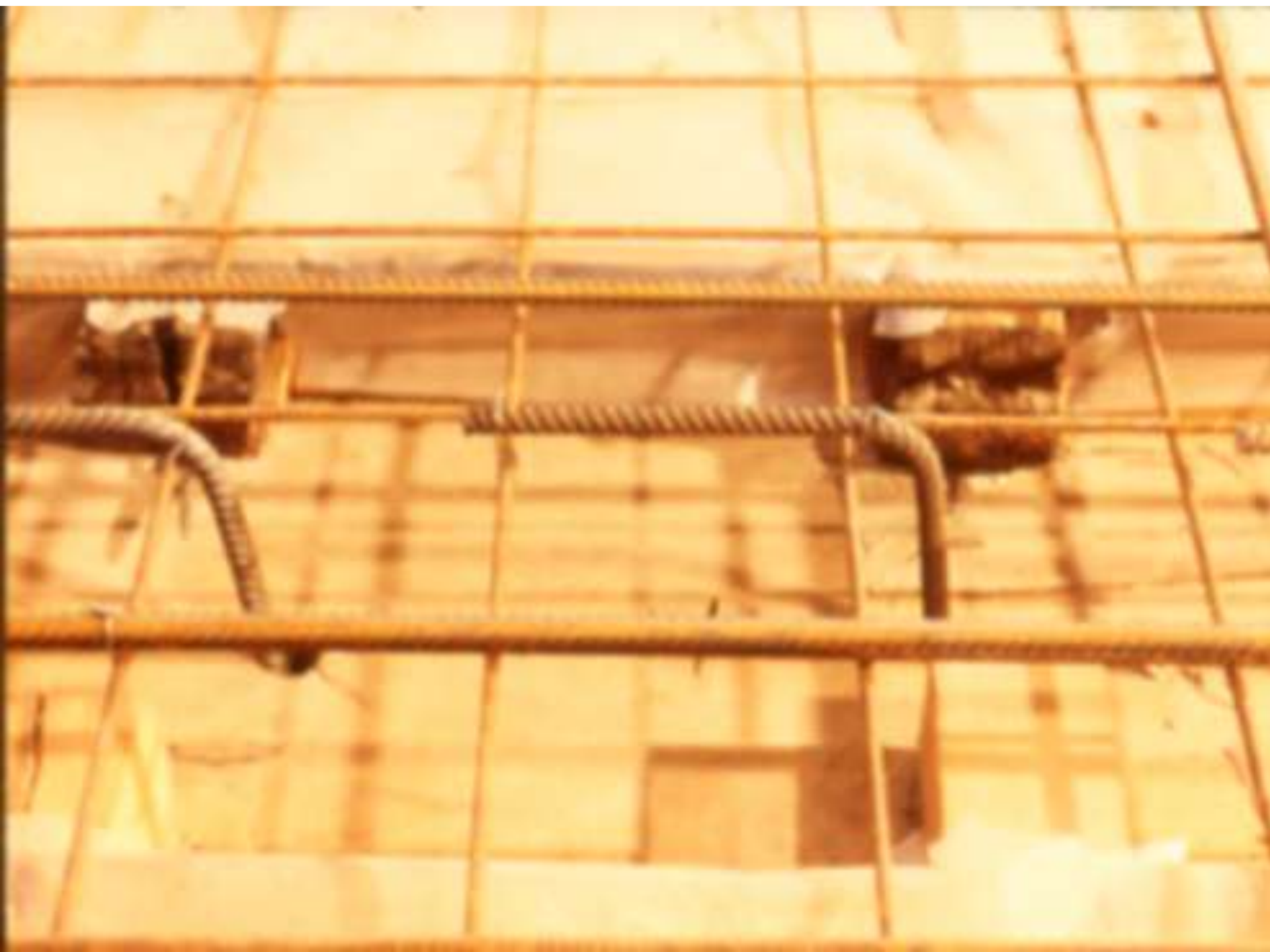
calcestruzzo alleggerito

lamina di armatura
della trave

bullone $\varnothing 12$













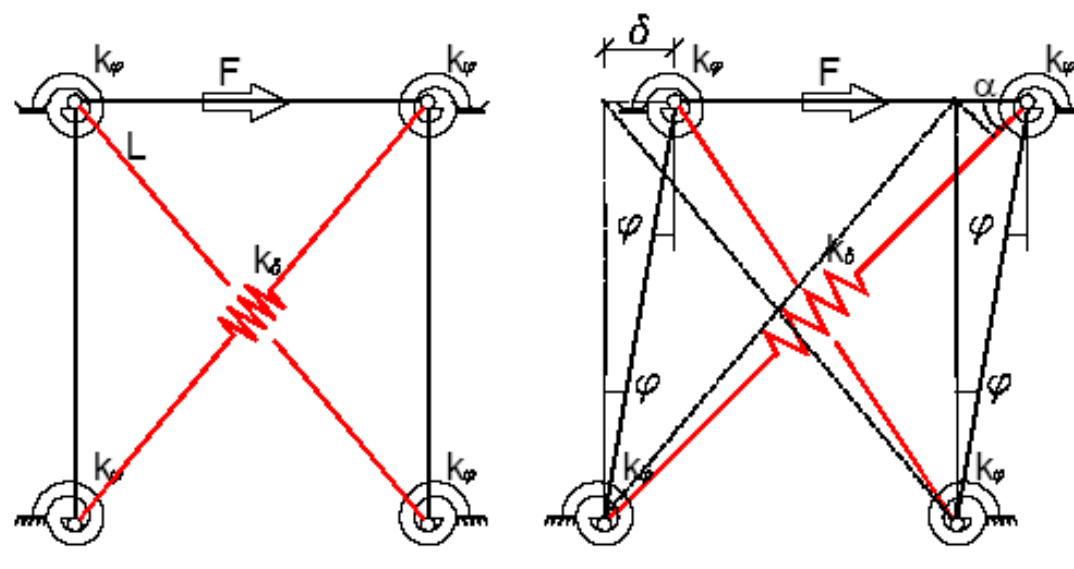
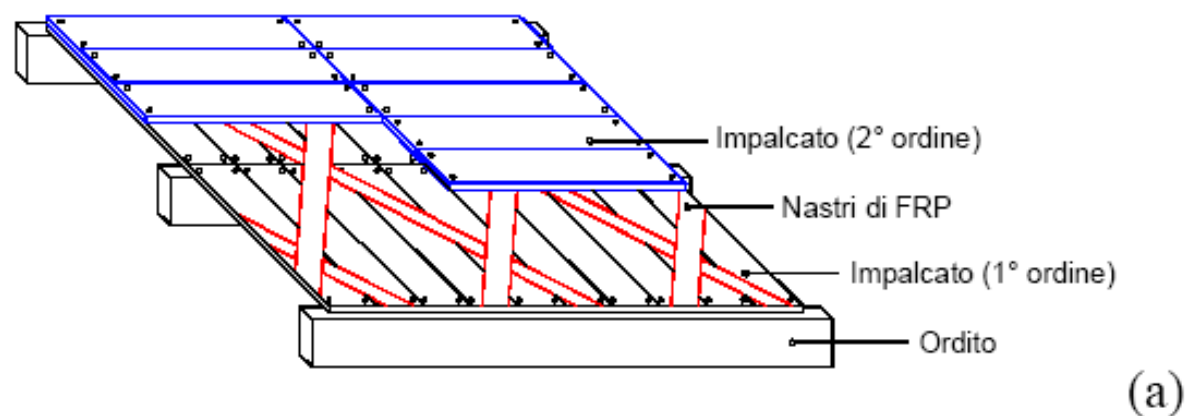
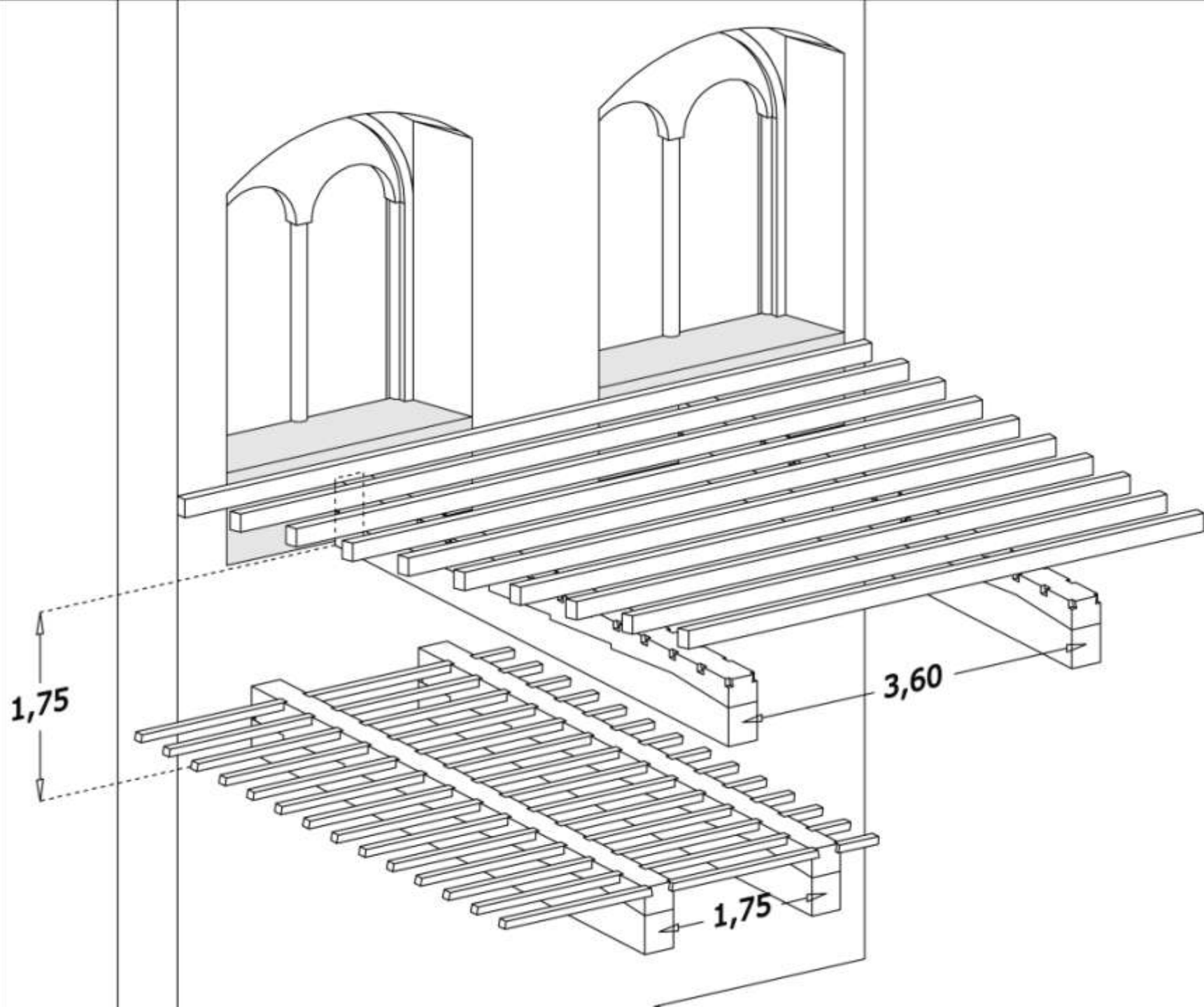


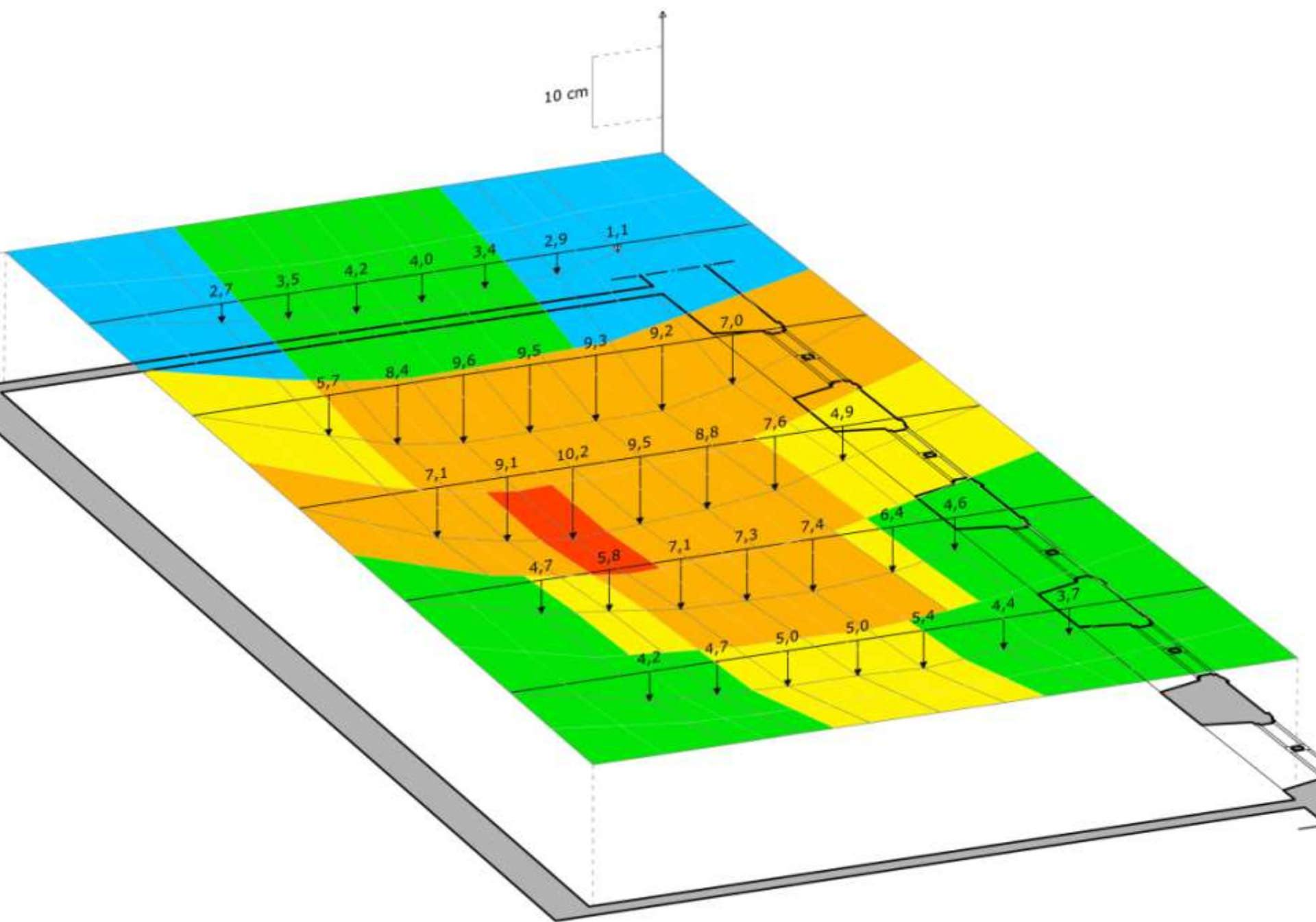
Figura 7-4 – Schema (a) e modello di calcolo (b) di un solaio tipo rinforzato.

CONSOLIDAMENTO

del Solaio e del Soffitto
seicenteschi di Palazzo Medici
Riccardi a Firenze





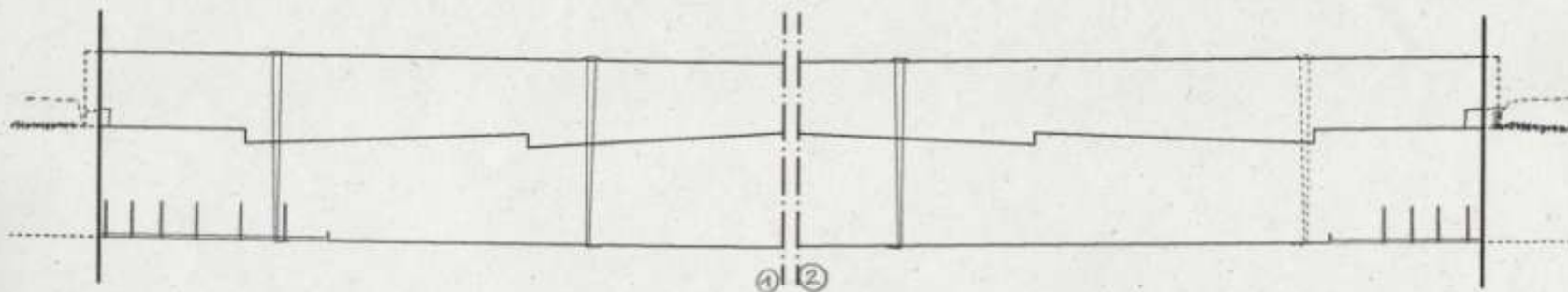


Trave 1 - prospetto sud

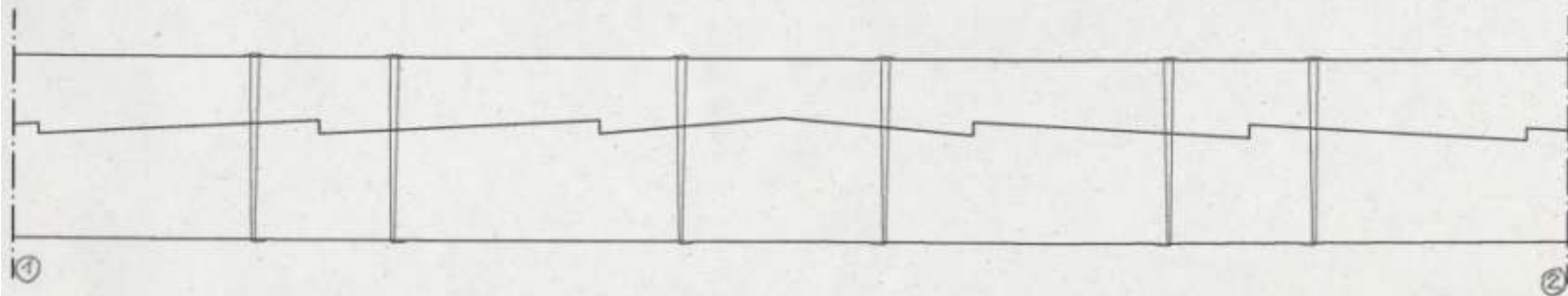


Appoggio Ovest

Appoggio Est

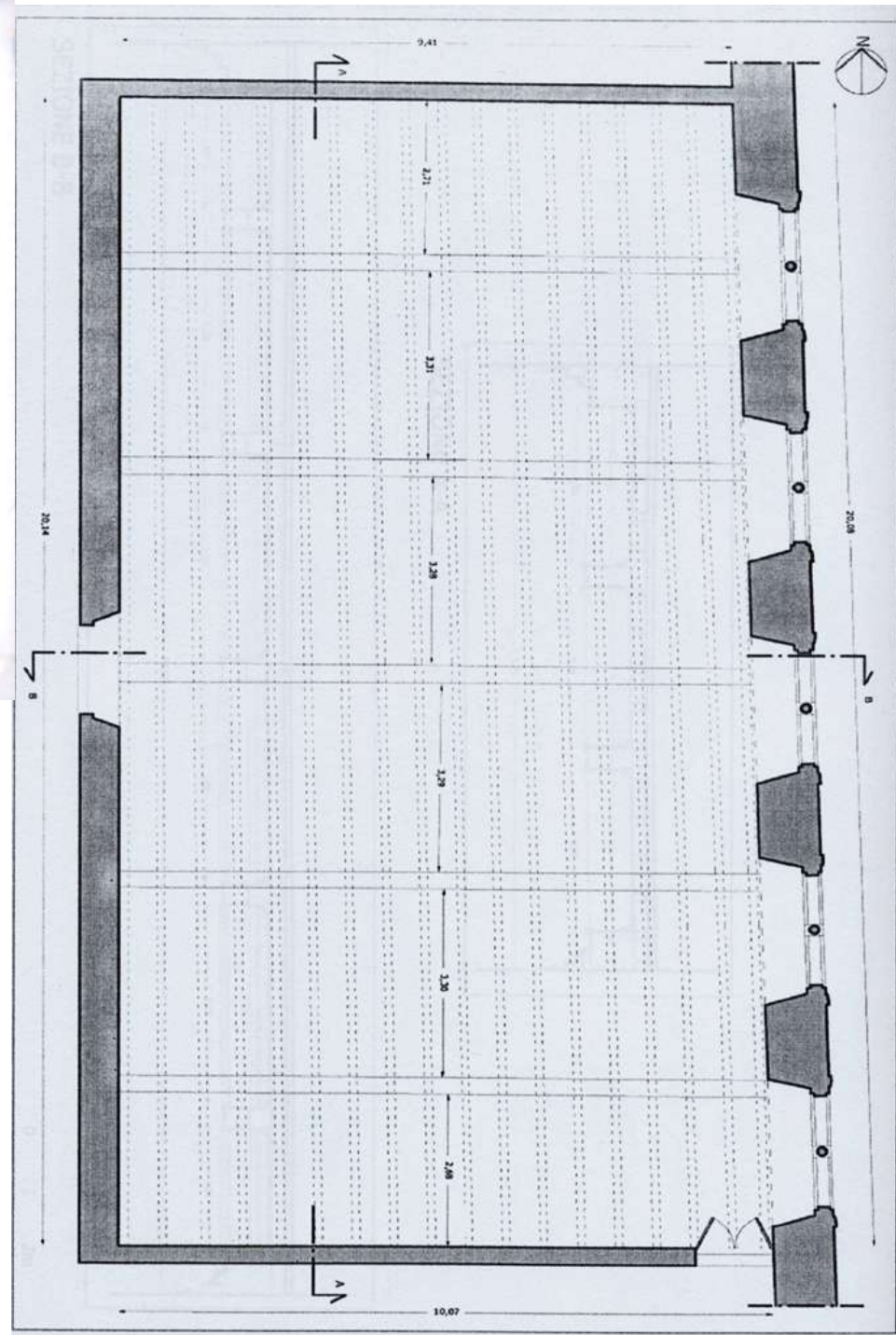
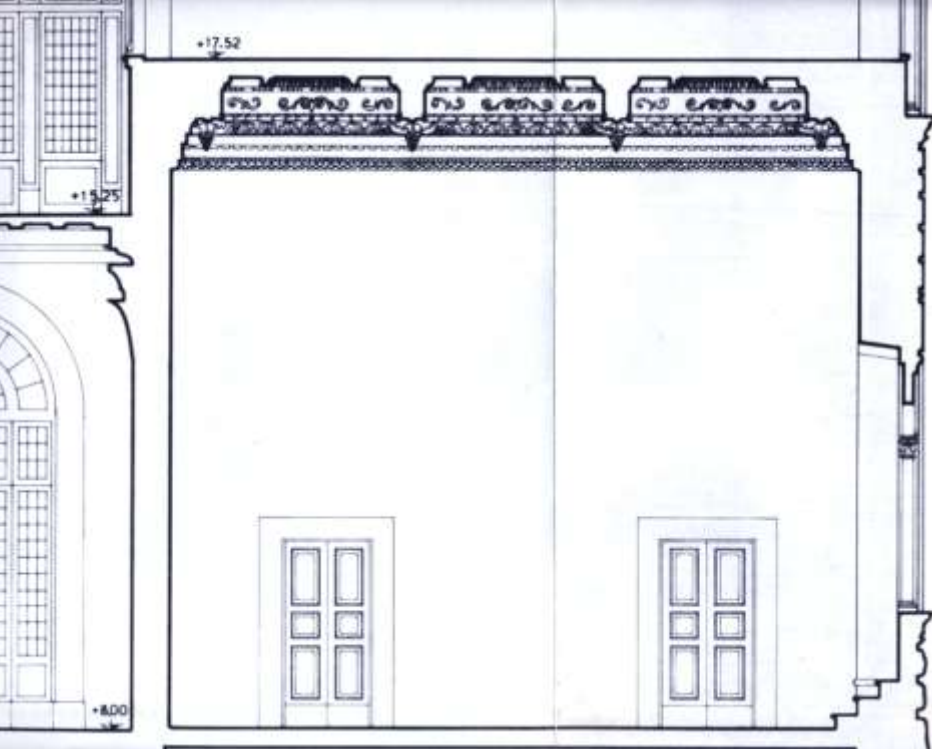


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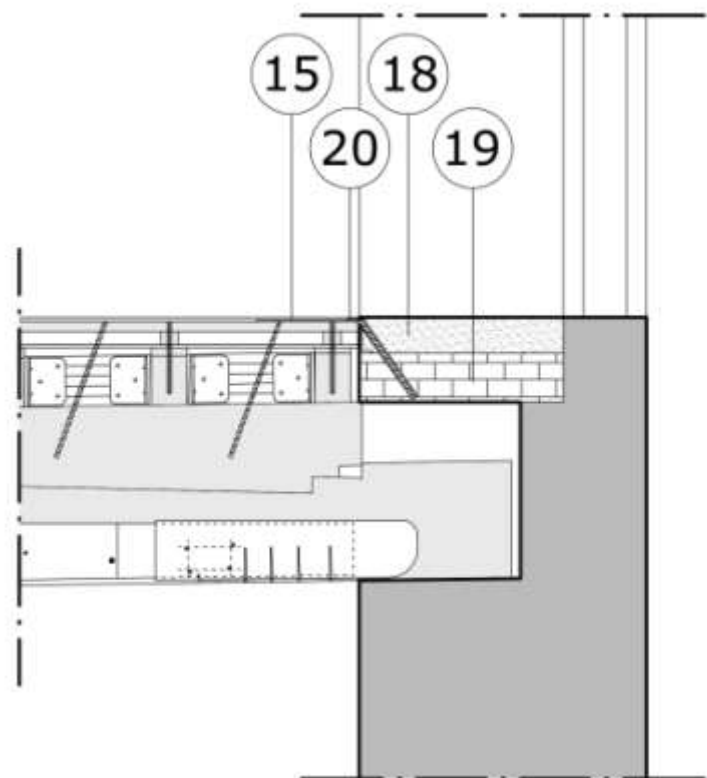
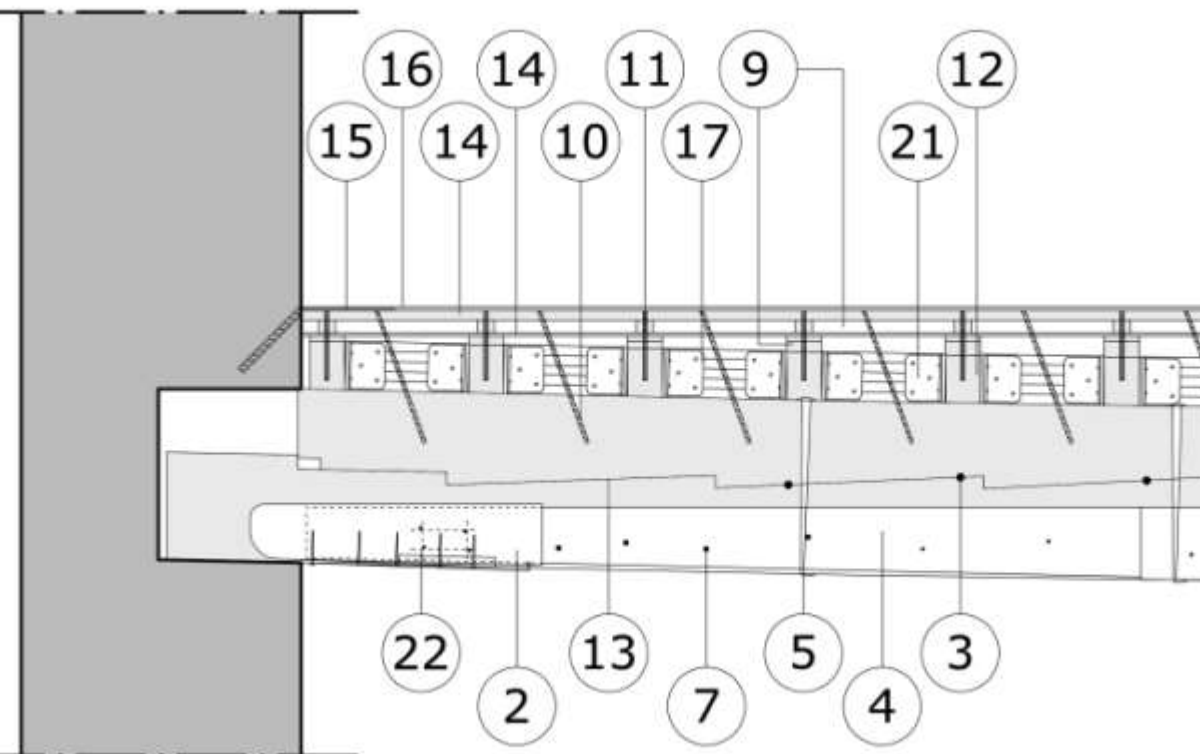


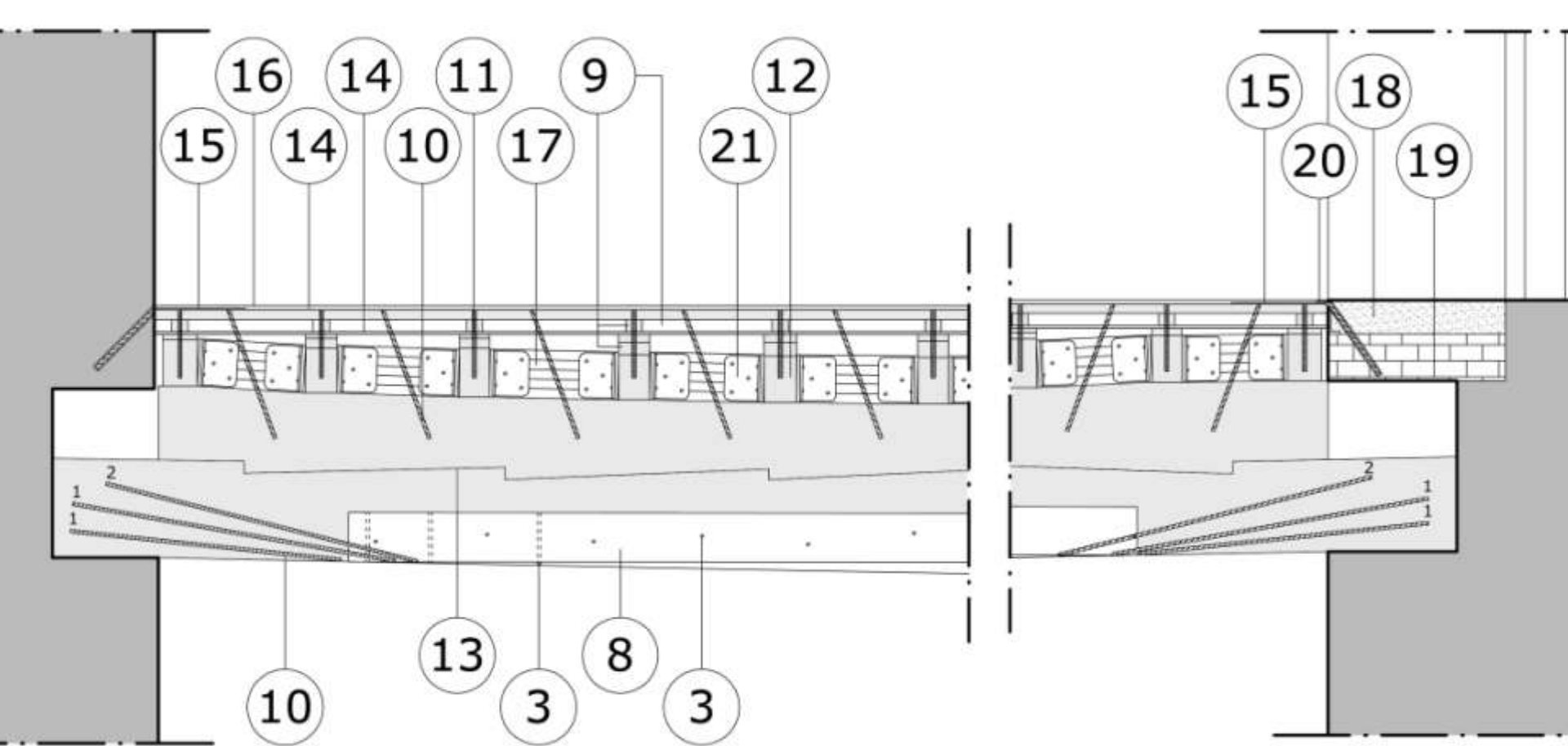
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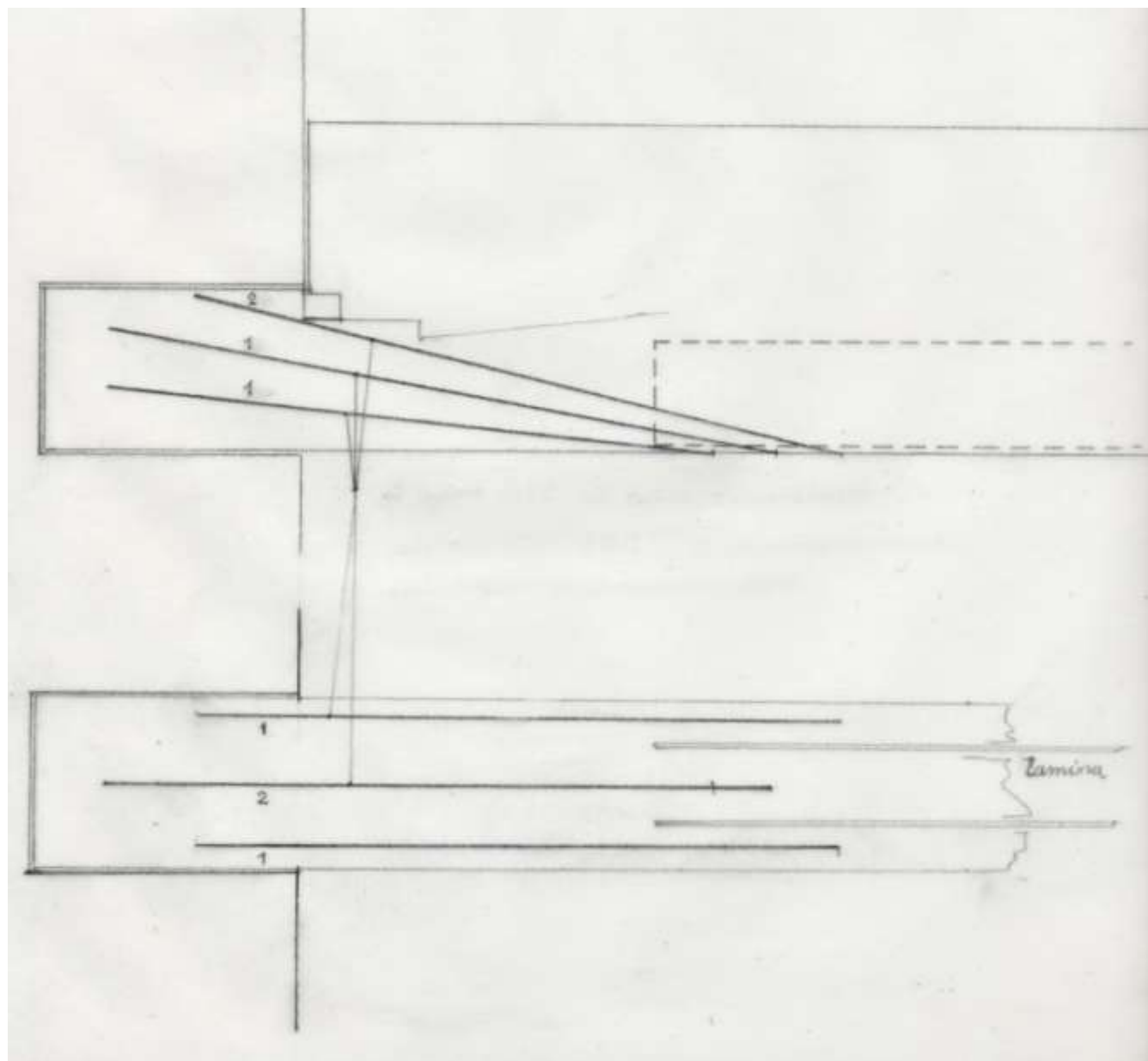
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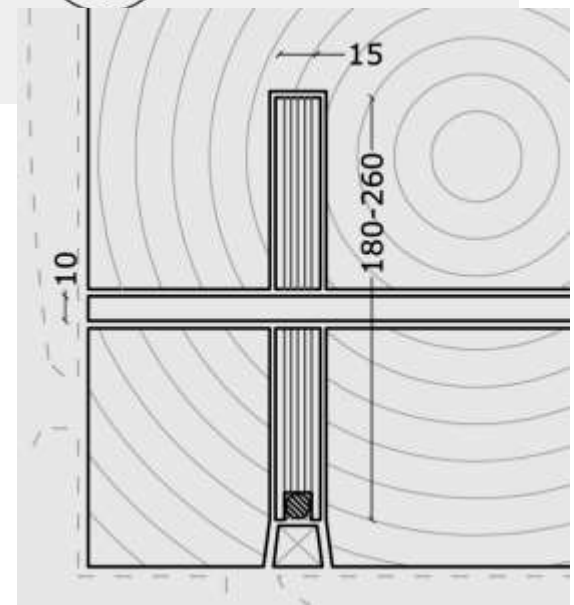
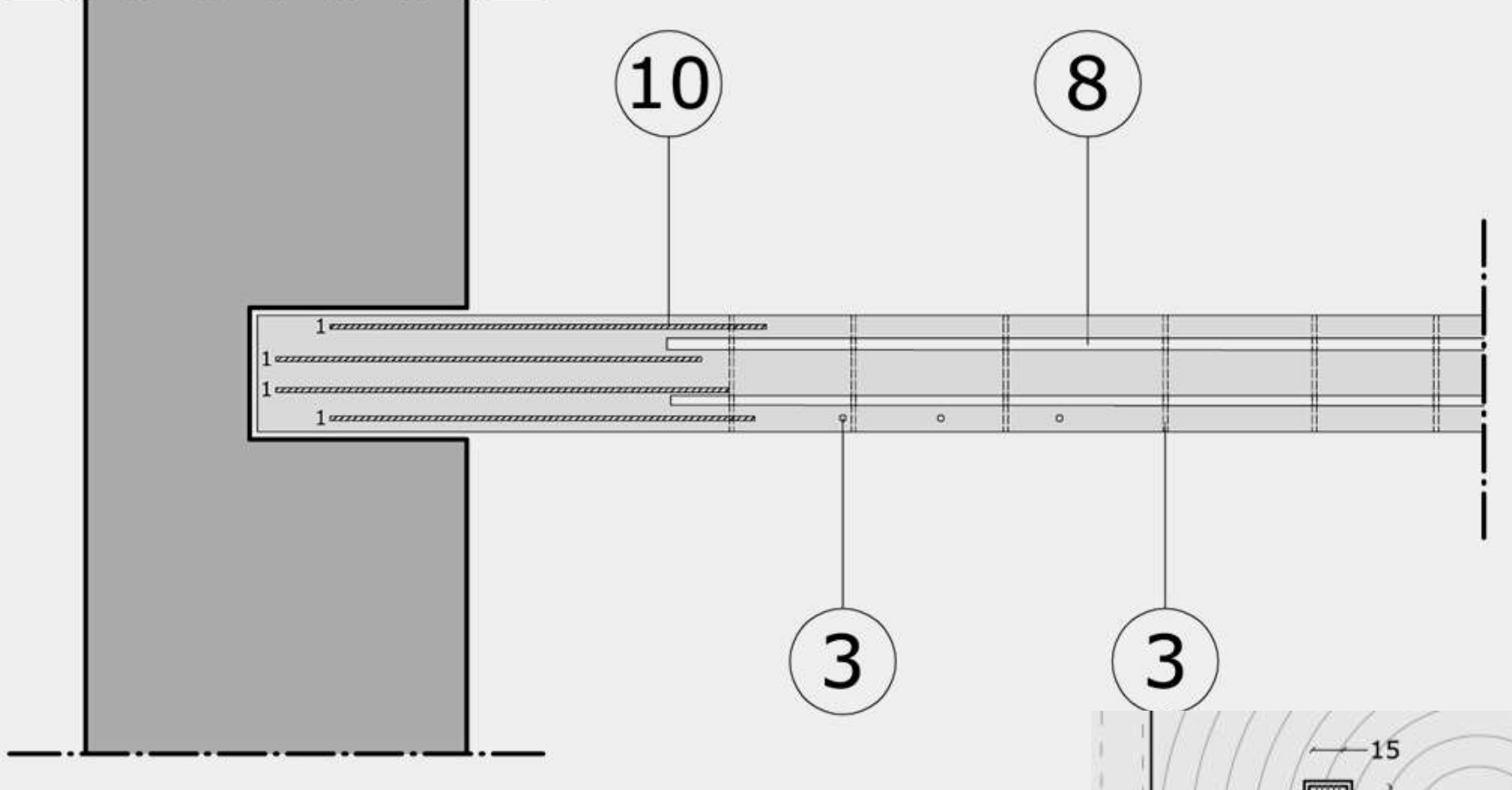


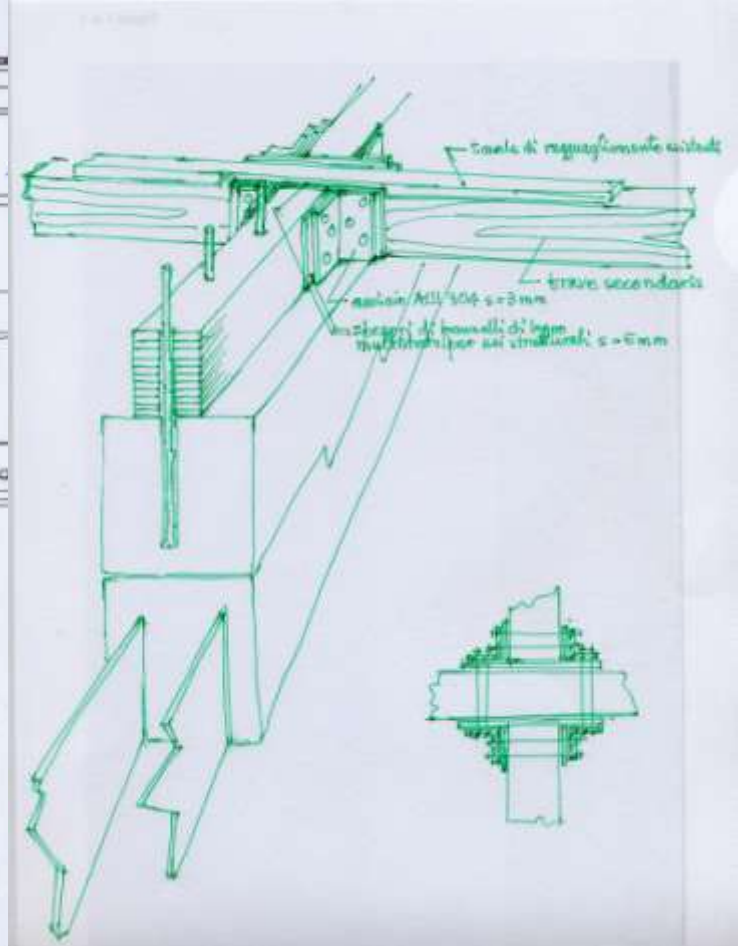
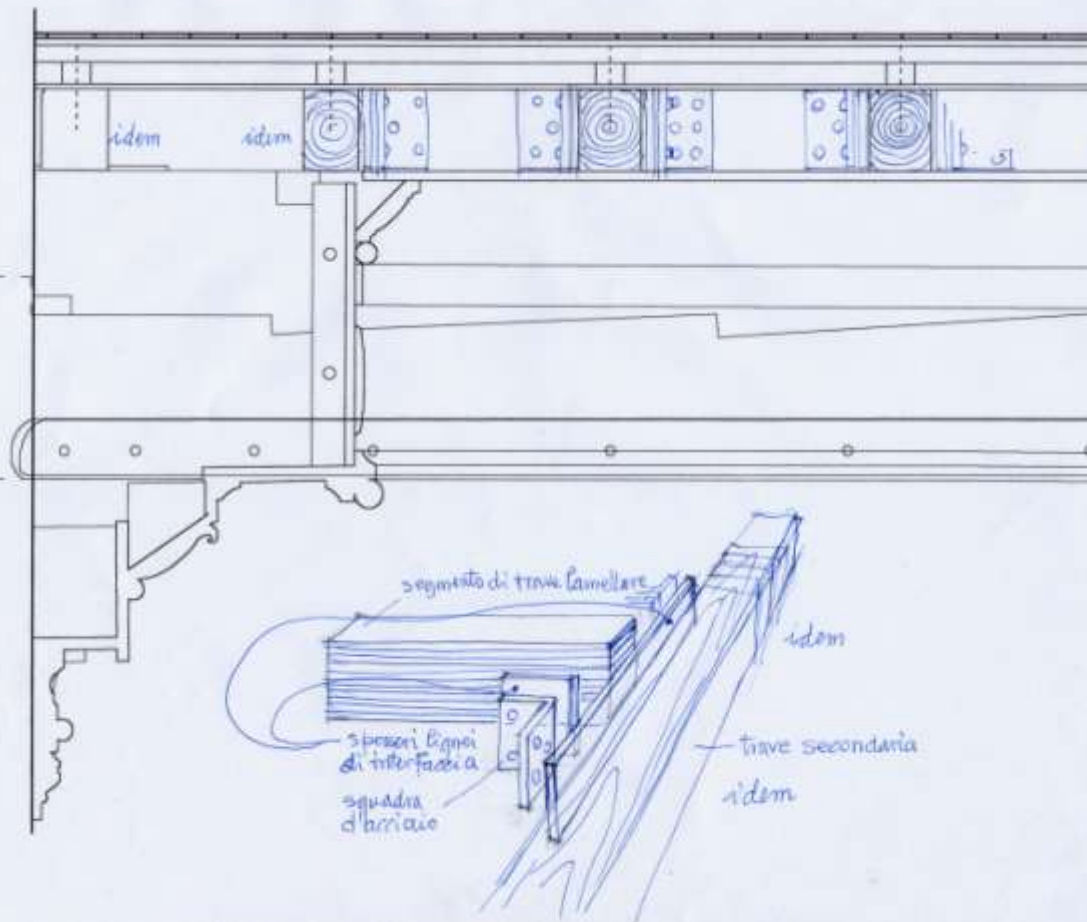


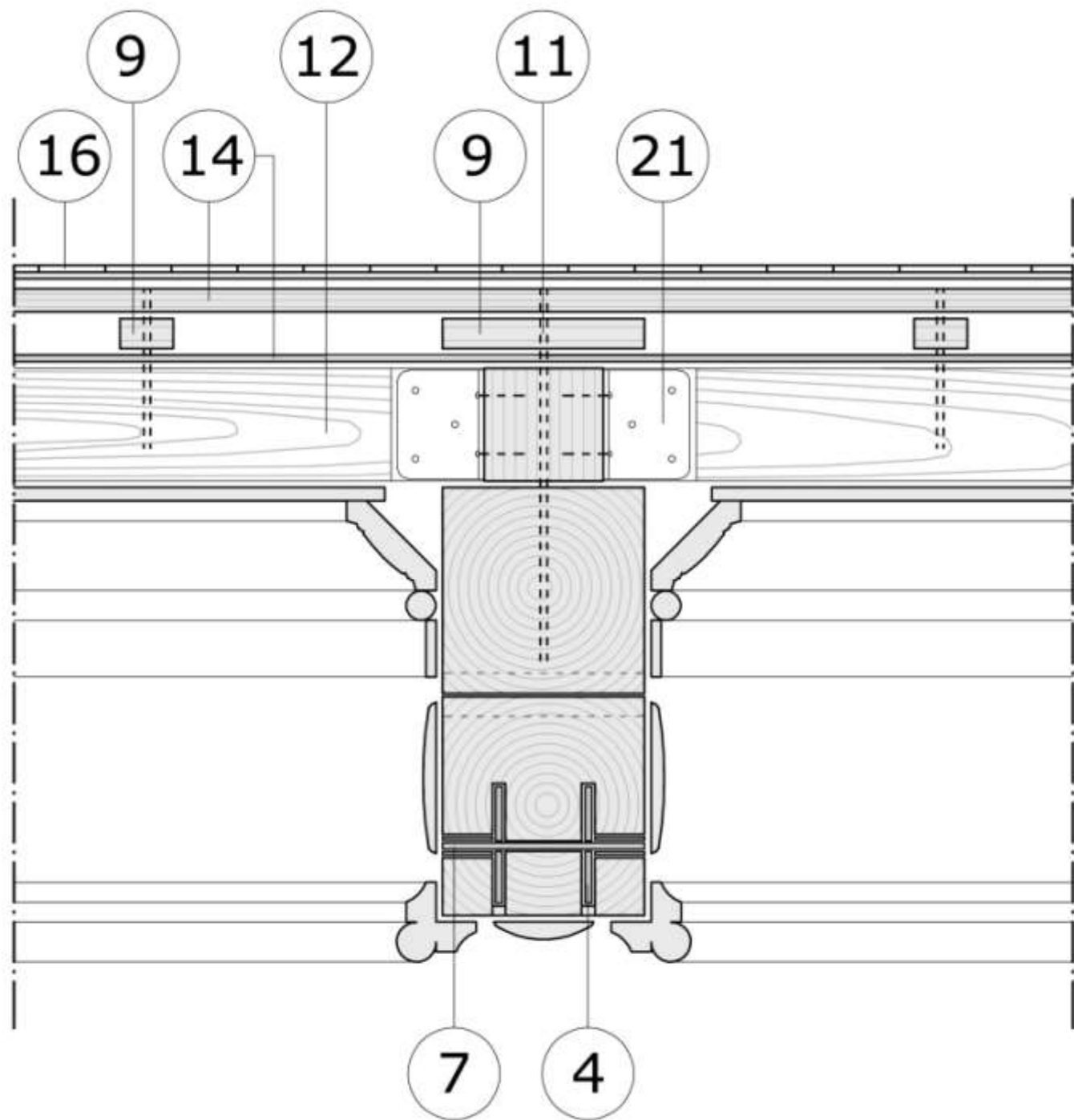










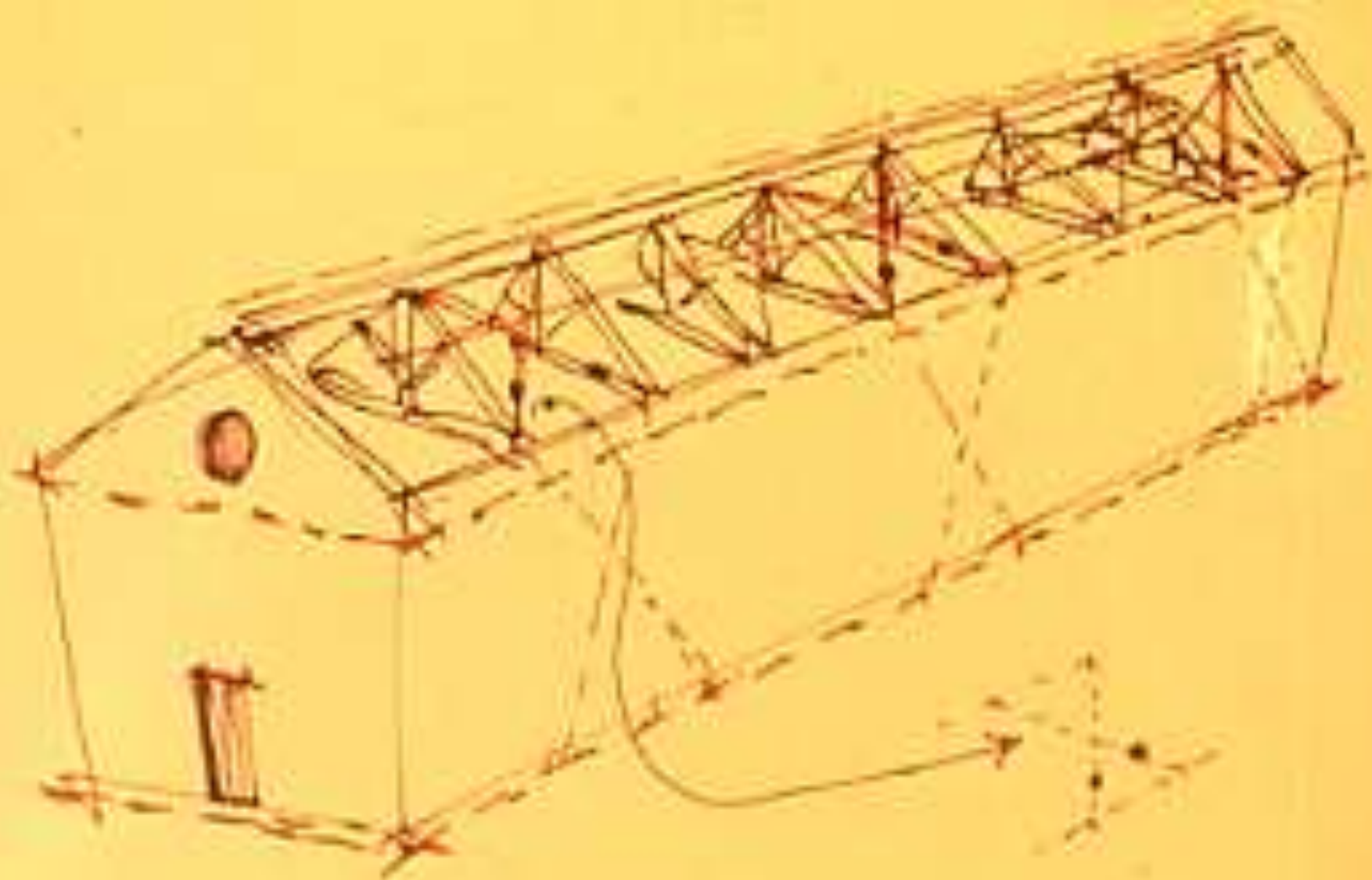


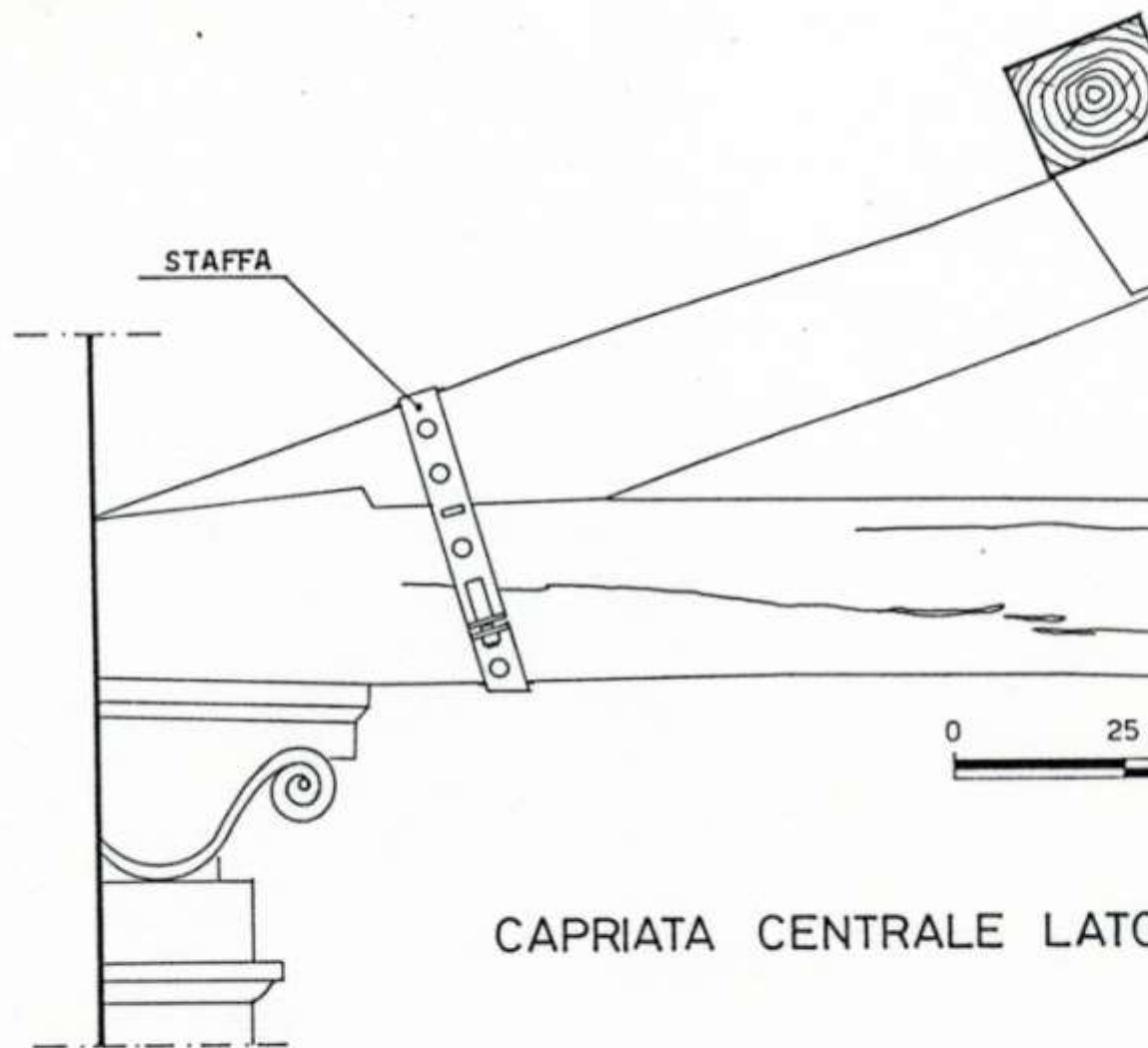
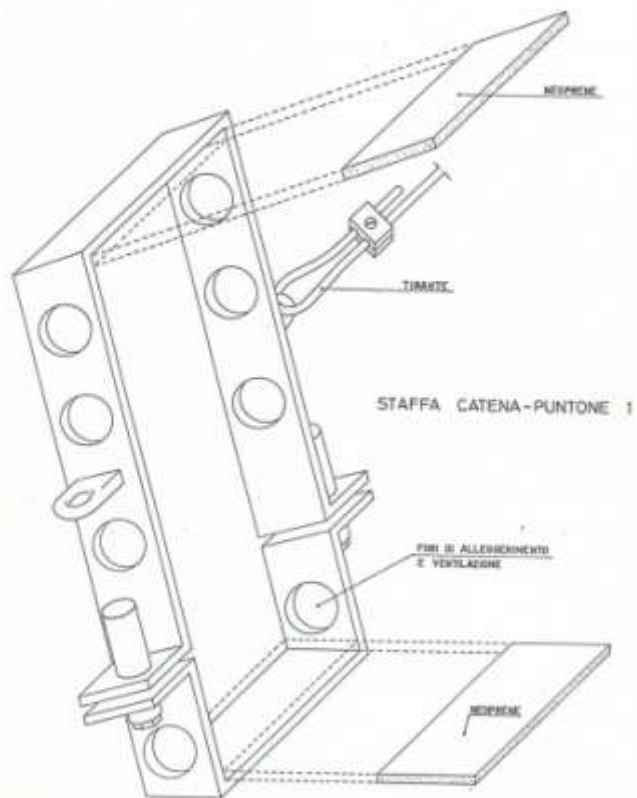




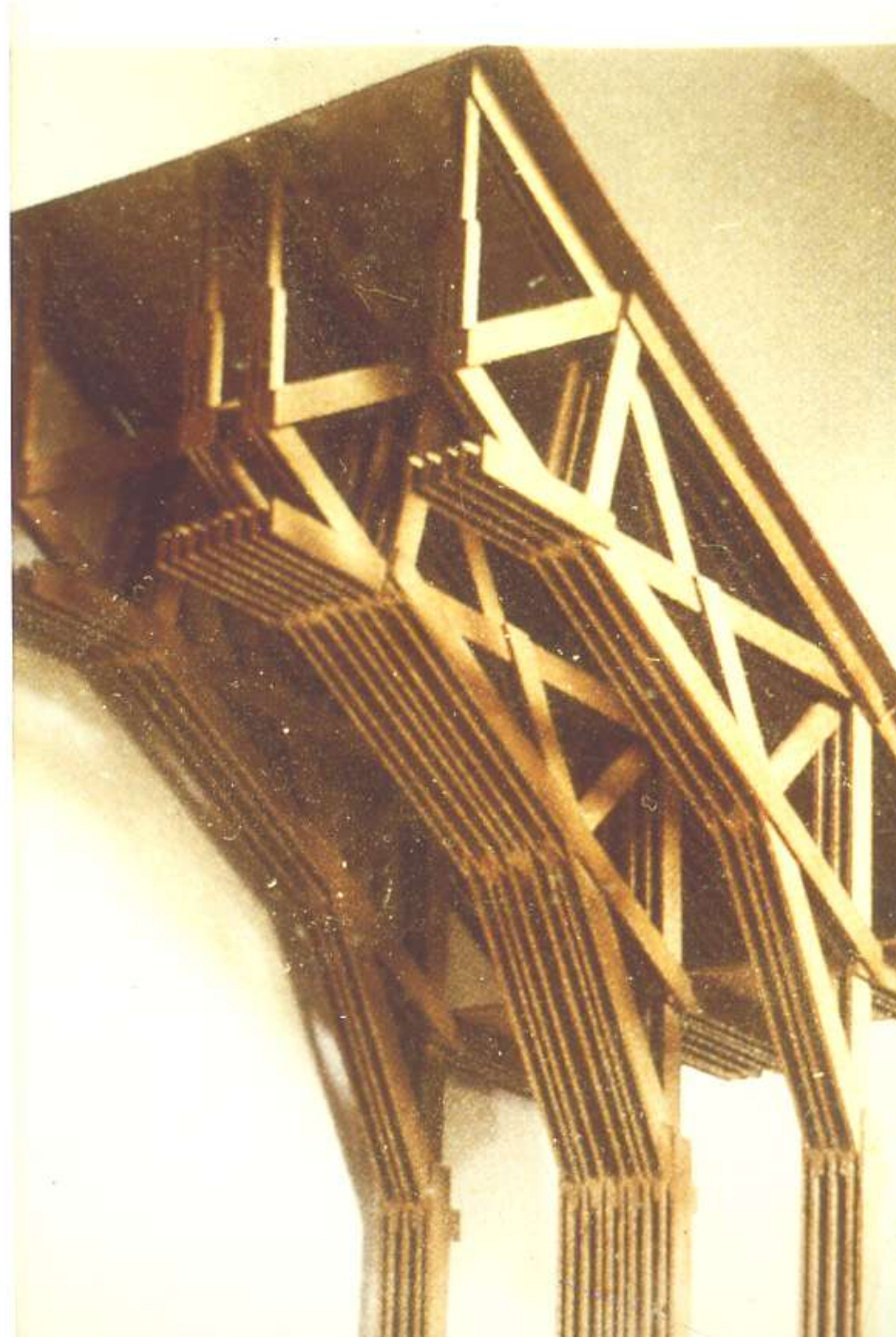


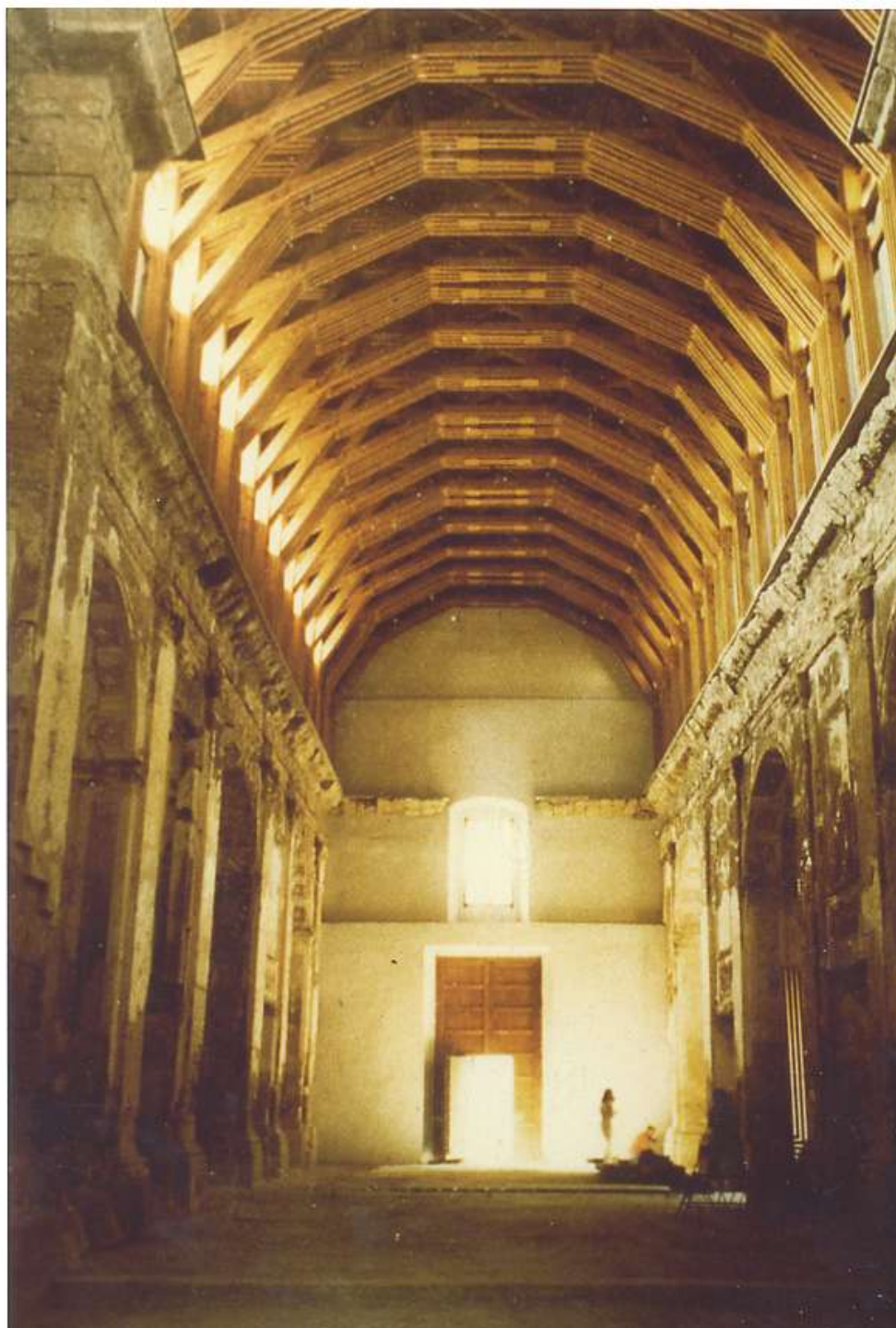
CONSOLIDAMENTO
dei **SISTEMI**
STRUTTURALI











Riferimenti bibliografici essenziali

- G. Tampone, 1996, *Il restauro delle strutture di legno*, Milano: Hoepli
- G. Tampone, M. Mannucci, N. Macchioni, 2000, *Le strutture di legno: Cultura, conservazione, restauro*, Milano: De Lettera
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- AA.VV., 2005, Atti di *Int. Conf. on the Conserv. of the Historic Wooden Structures*, Firenze: Collegio degli Ingegneri della Toscana Editore

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