

COMUNE DI CAGLIARI

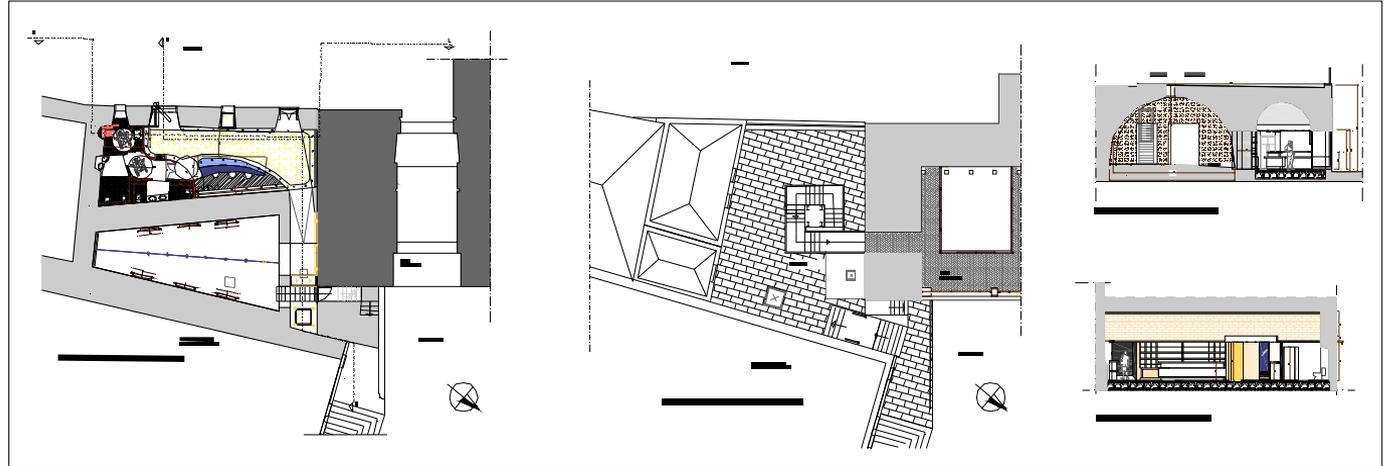
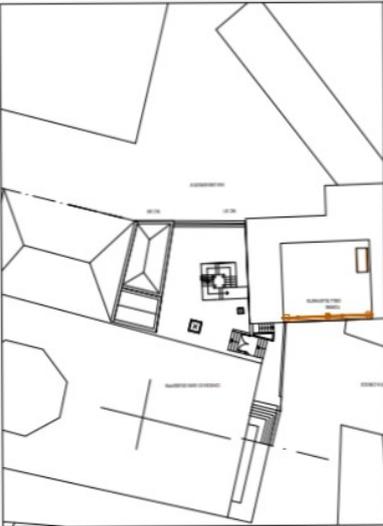
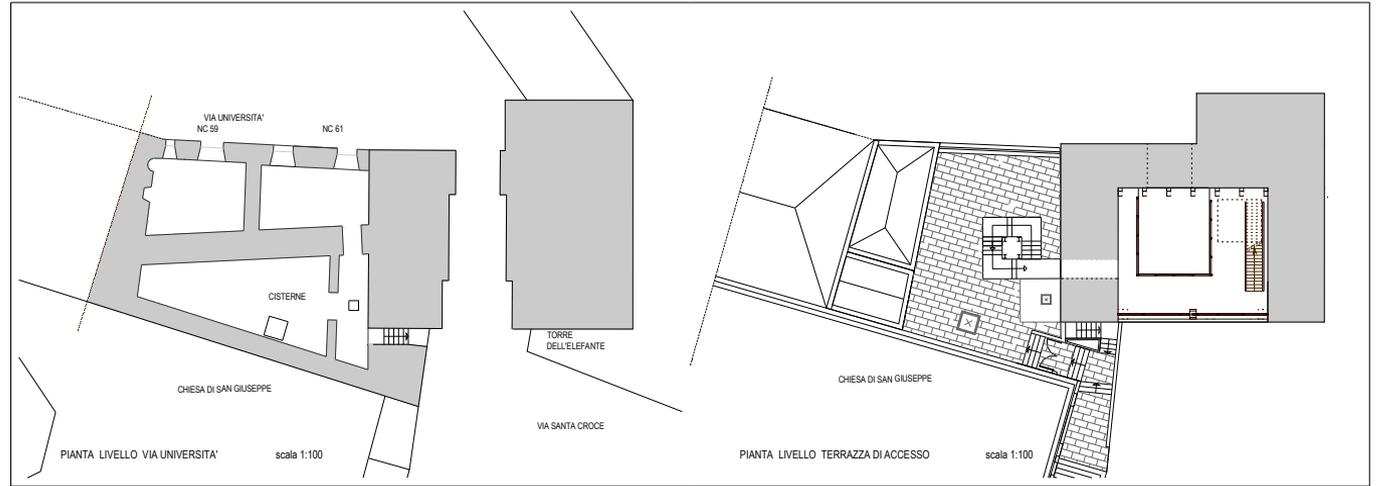
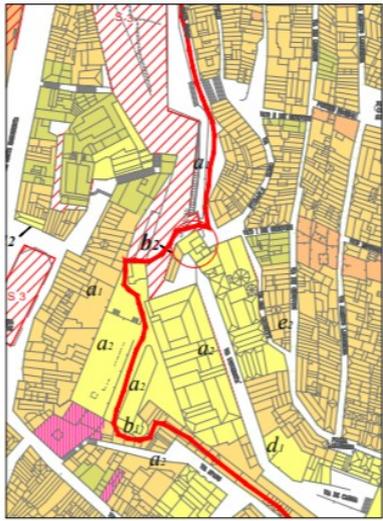
ASSESSORATO AI LLPP

LA TORRE DELL'ELEFANTE IL CONSOLIDAMENTO STATICO DELLE STRUTTURE



Il progetto originario





Il progetto originario

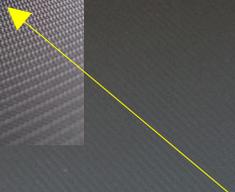
L'infestazione da parassiti xilofagi













Kaloterme sp (Flavicollis)



Fase larvale



Fase adulta

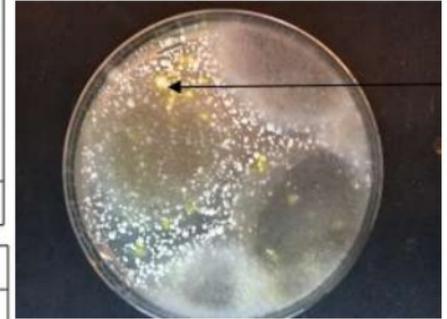
Hyloterpus Bajulus



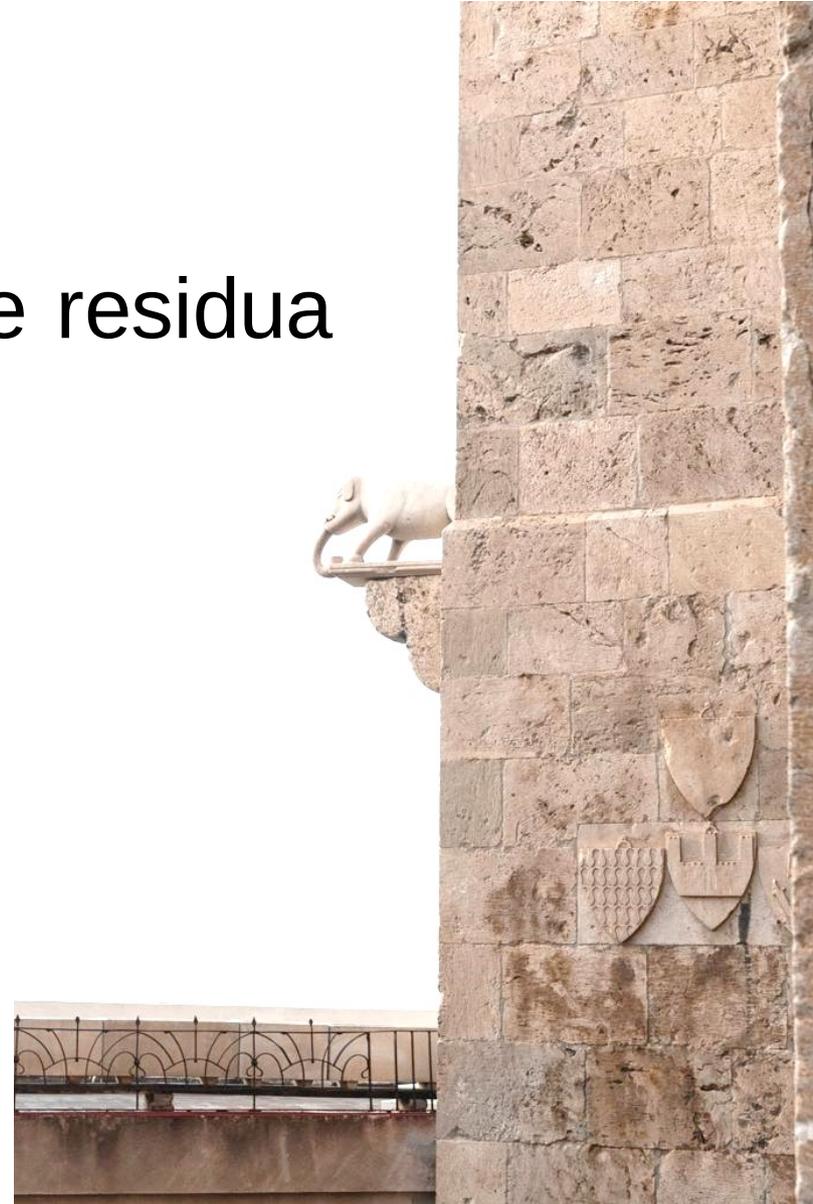
Fase larvale

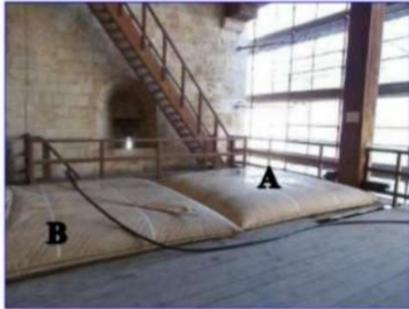
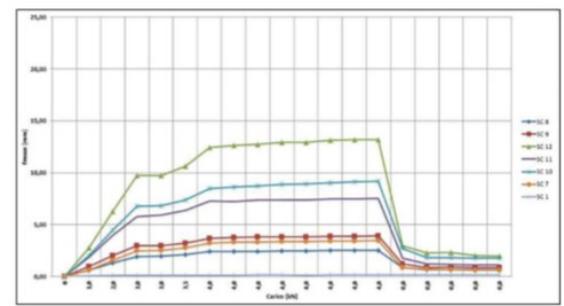
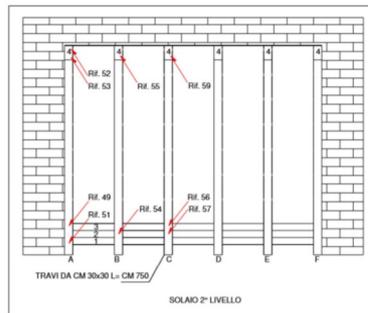


Fase adulta

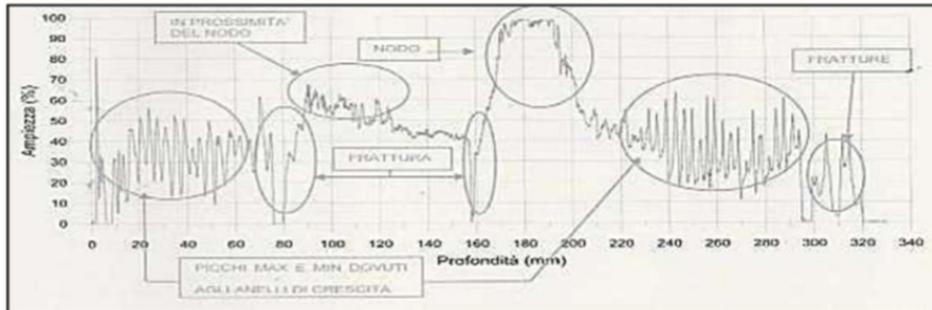
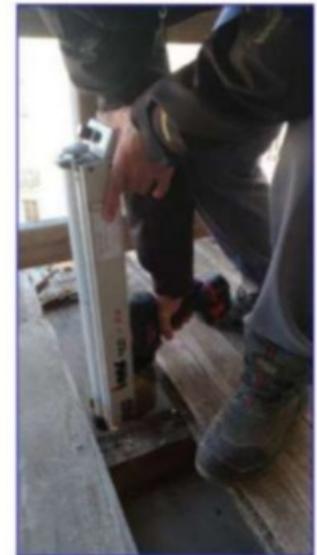


Prove della capacità portante residua

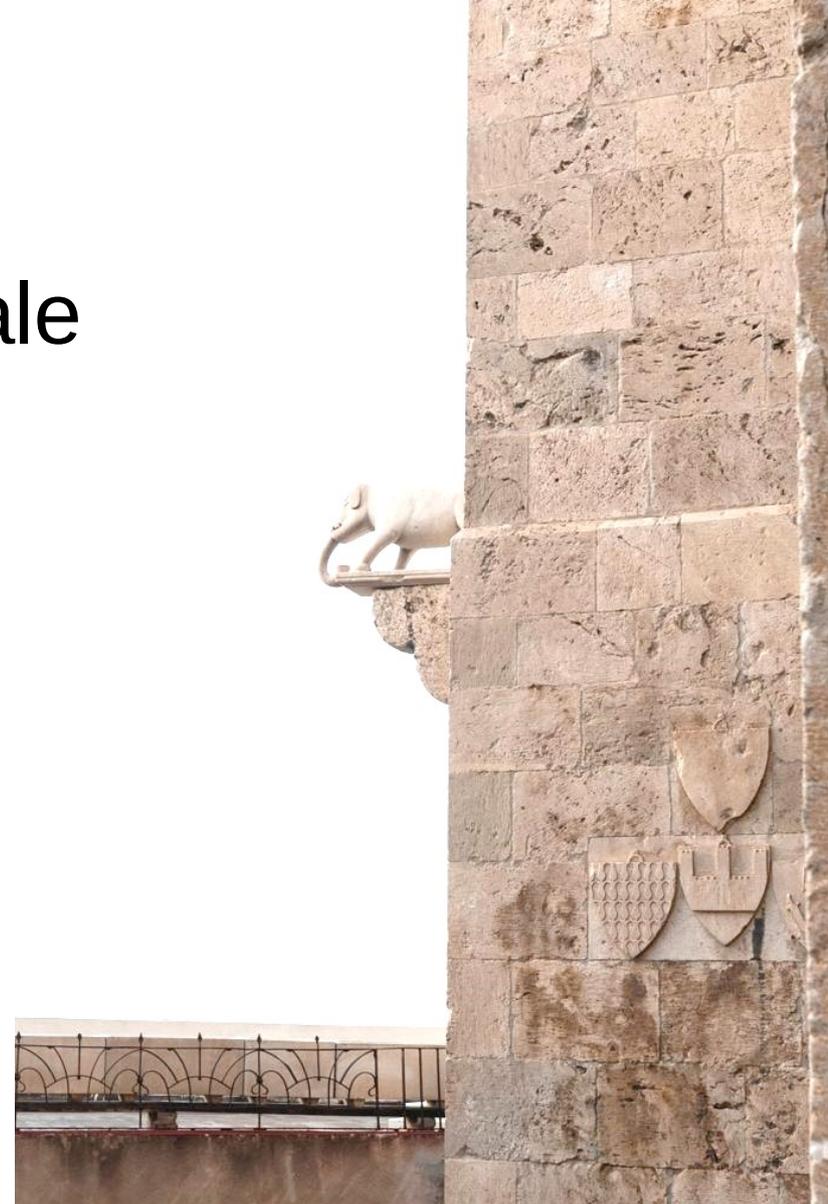


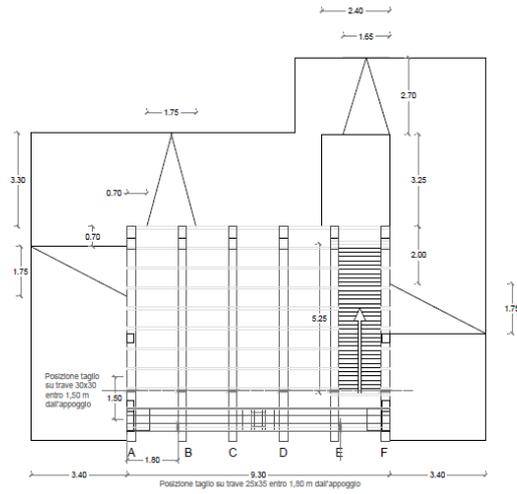


Trave A		R49
INDAGINE RESISTOGRAFICA		
Zona di perforazione	Inclinazione perforazione	Conclusioni
Su appoggio trave 3	Ortagonale alle fibre	Fratture

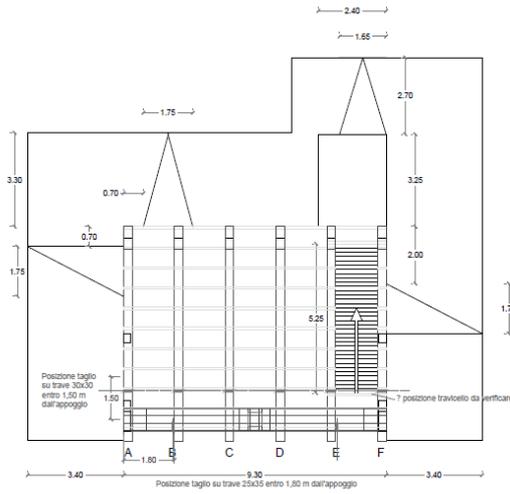


La soluzione progettuale

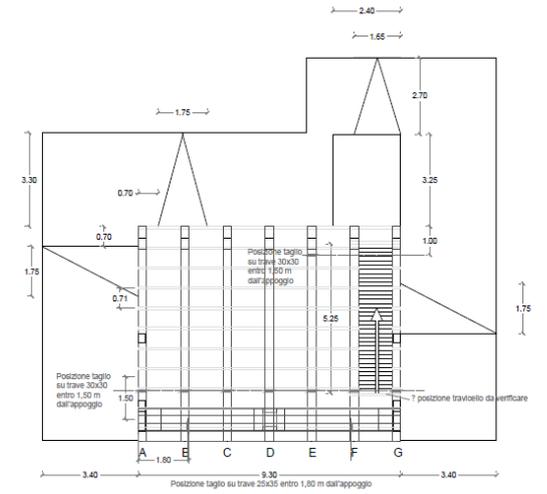




individuazione tagli sulle travi impalcato ligneo livello I

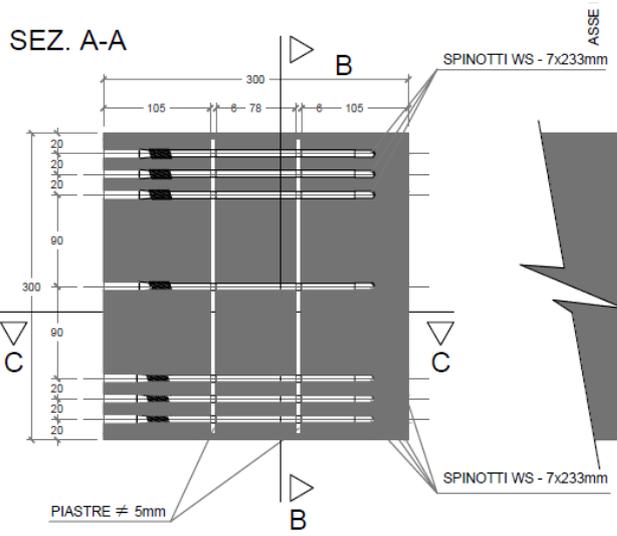


individuazione tagli sulle travi impalcato ligneo livello II

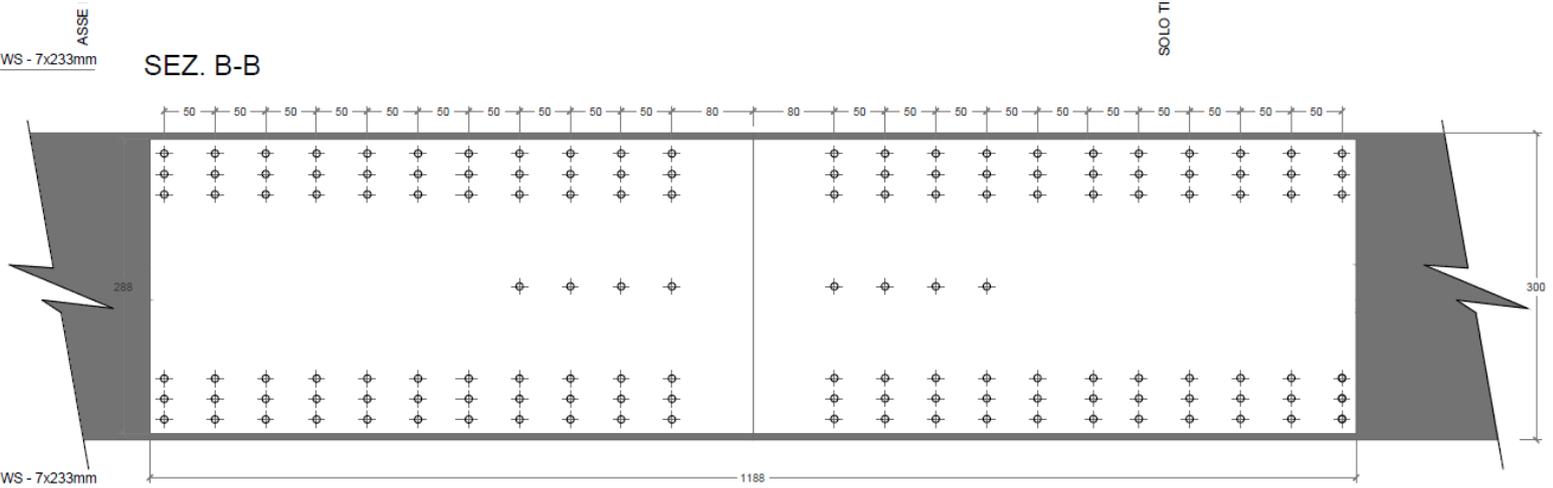


individuazione tagli sulle travi impalcato ligneo livello III

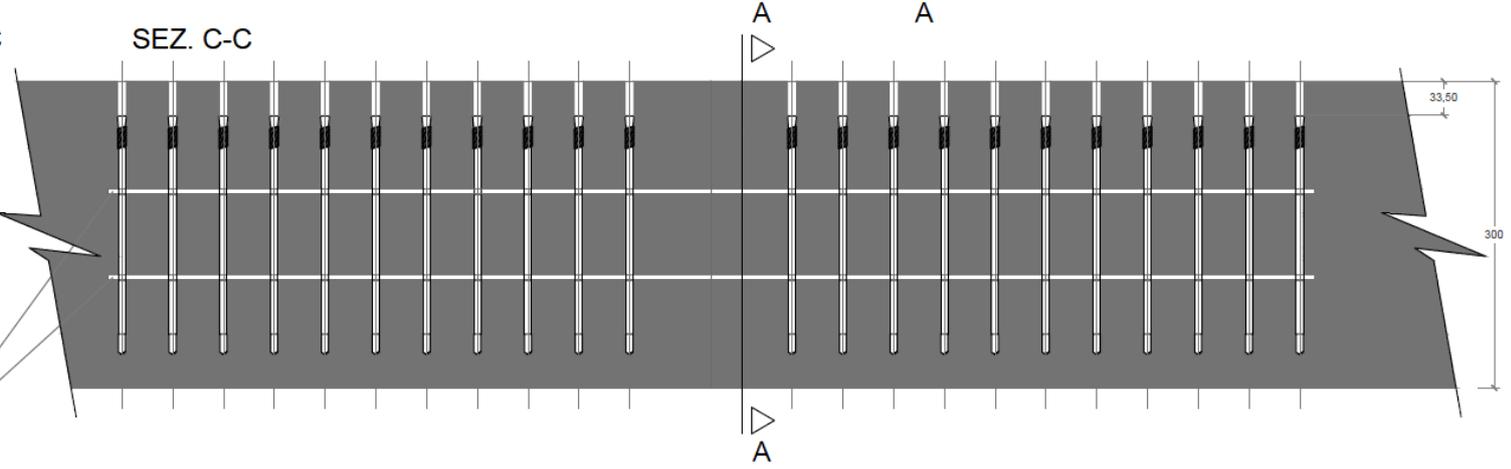
SEZ. A-A



SEZ. B-B



SEZ. C-C



MATERIALI
 - acciaio piastra S355;
 - spinotti Ø7 tipo WS-7x233 Rothoblass





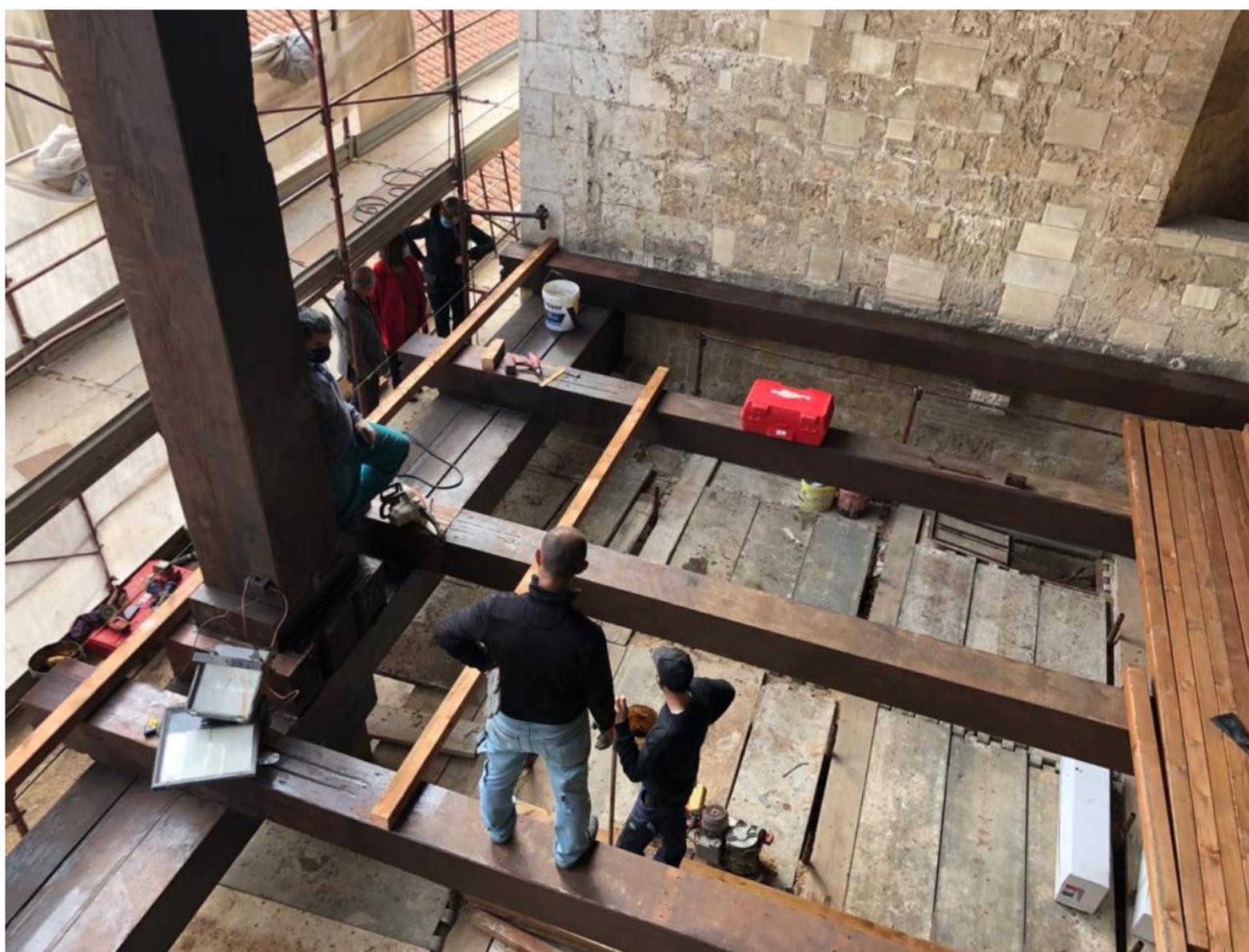












Lavori ultimati











Importo dei lavori



Importo dei lavori:

- Importo dei lavori principali: € 126 765,58
- Oneri per la sicurezza: € 134 362,77
- Oneri della sicurezza aggiuntivi: € 39 169,25
- Importo lavori complementari: € 82.845,39
- Oneri per la sicurezza: € 46.963,04
- Importo complessivo; **€ 430 106,03**

Finanziamento: Fondi Comune di Cagliari

Proprietà: Ministero dei BBCC

Gruppo di Lavoro: Servizio LLPP - RUP, Progettazione, Direzione dei Lavori

grazie per l'attenzione