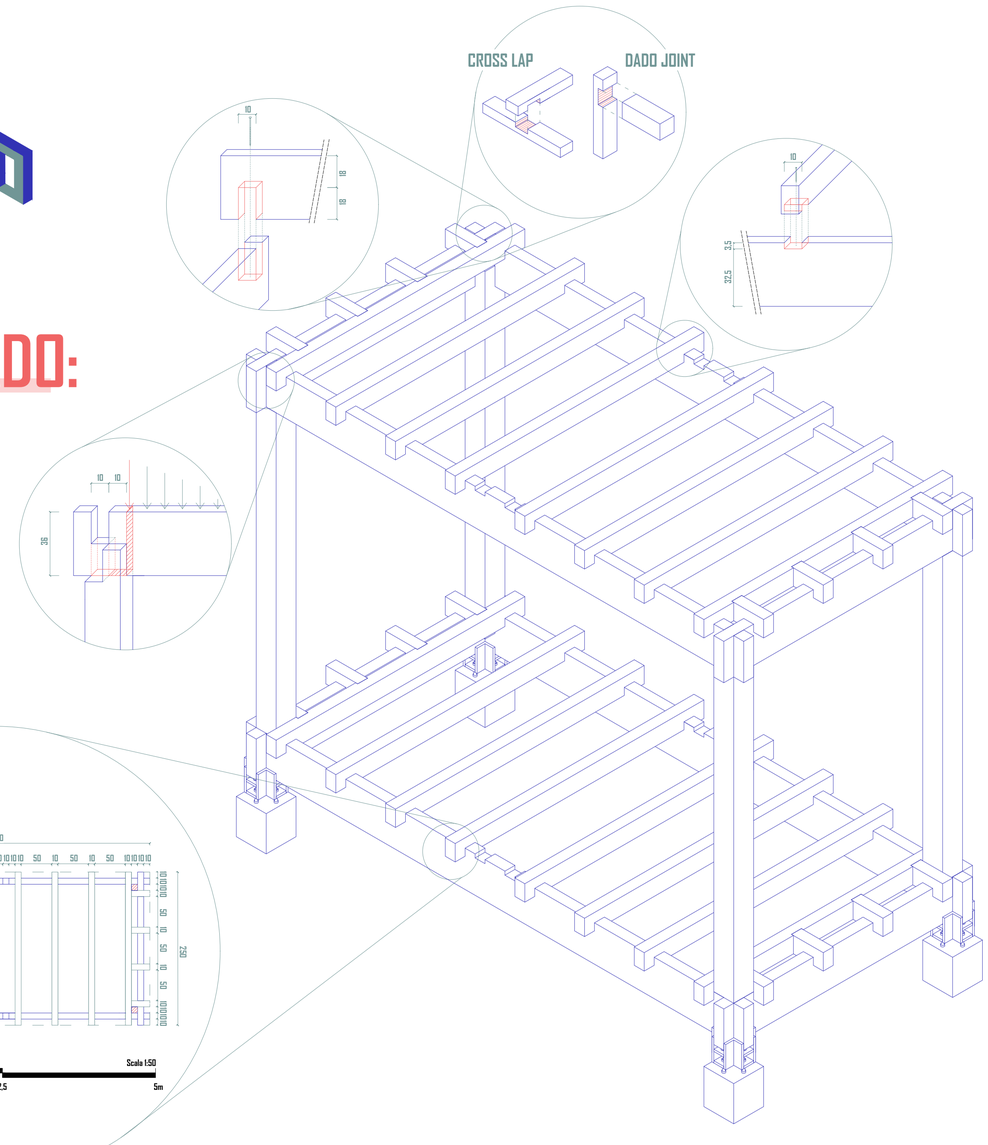
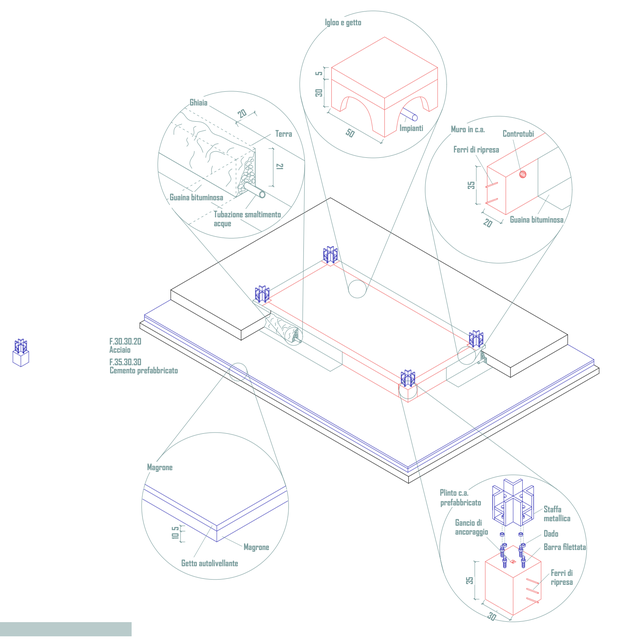
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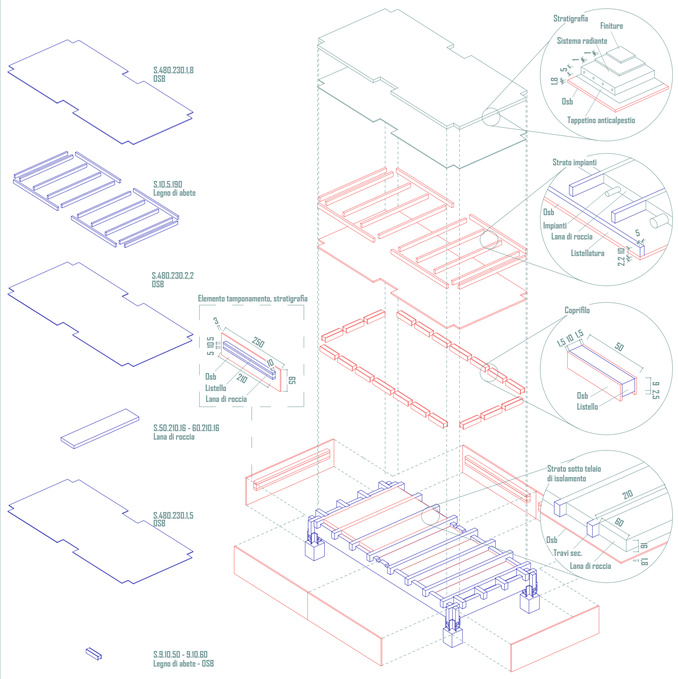


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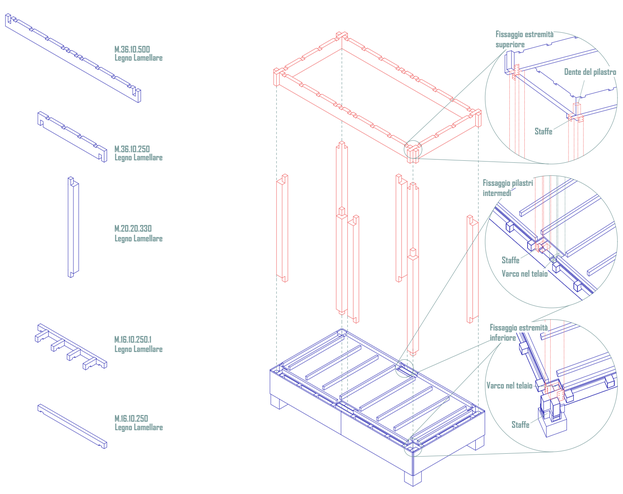
01 LA STRUTTURA DI FONDAZIONE



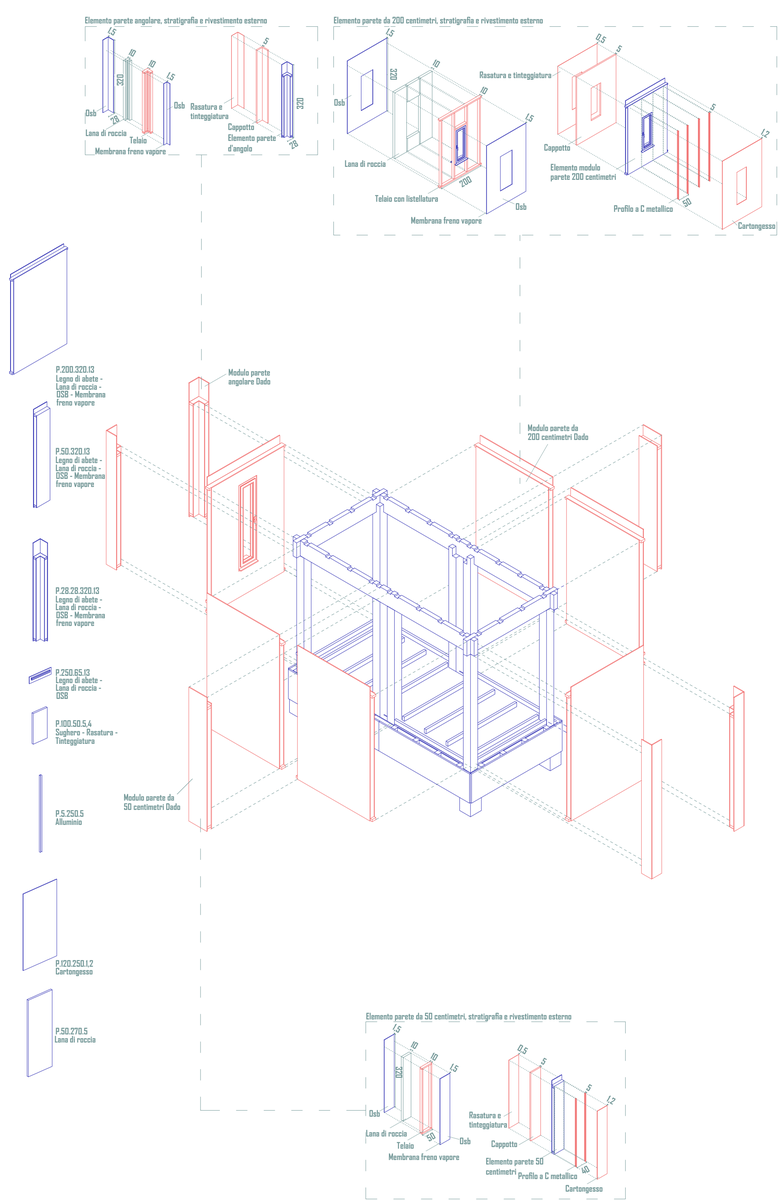
02 LA CHIUSURA ORIZZONTALE INFERIORE



03 L'ELEVAZIONE VERTICALE DEL TELAIO DADO

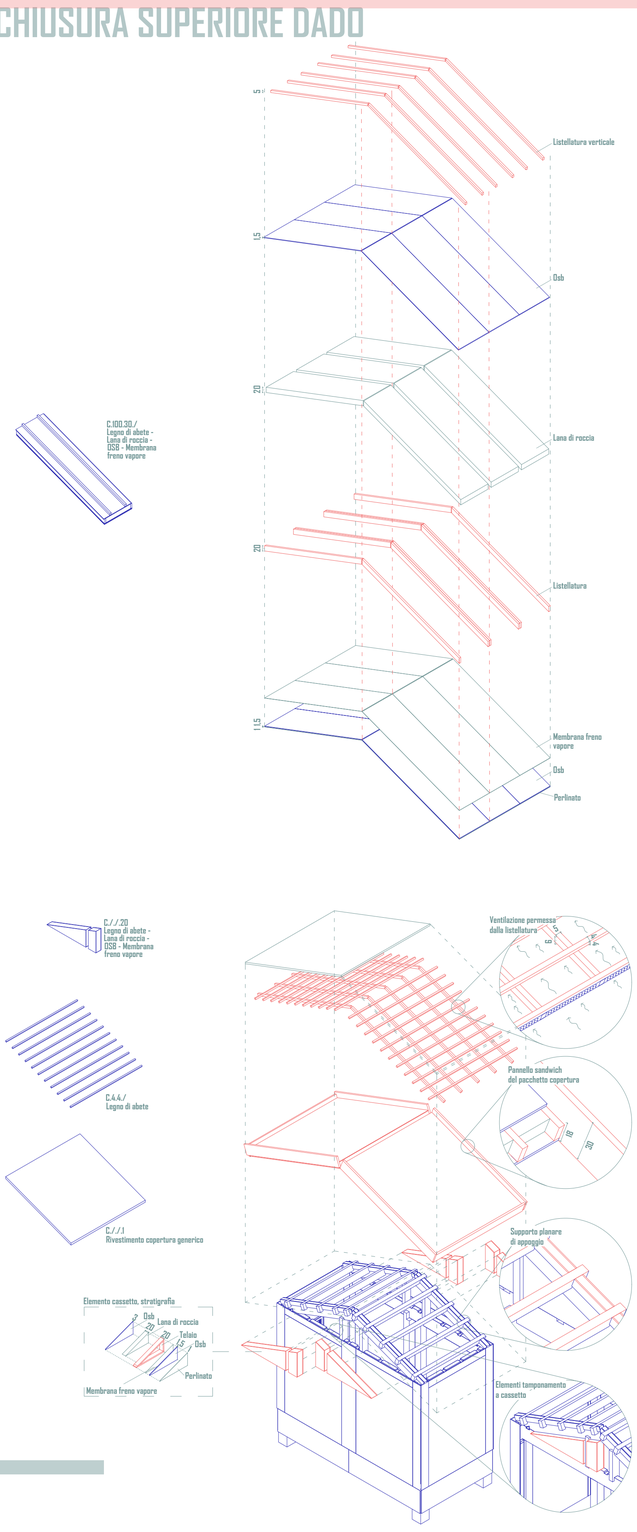


04 LA CHIUSURA VERTICALE DADO

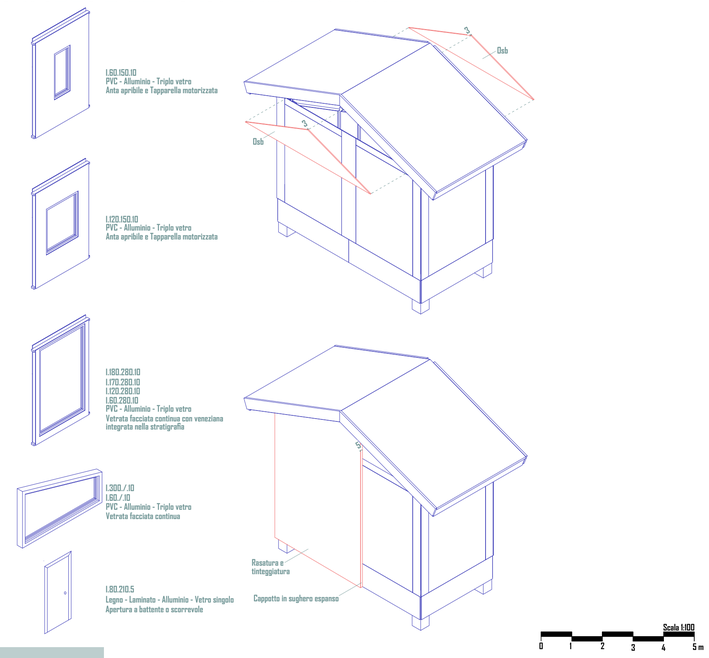


05 L'ELEVAZIONE DEL TELAIO DELLA CHIUSURA SUPERIORE DADO

06 LA CHIUSURA SUPERIORE DADO



07 GLI INFISSI E LE FINITURE ESTERNE



ABACO DEGLI ELEMENTI FONDAZIONE

ABACO DEGLI ELEMENTI SOLAIO

ABACO DEGLI ELEMENTI DEL MODULO

ABACO DEGLI ELEMENTI PARETE

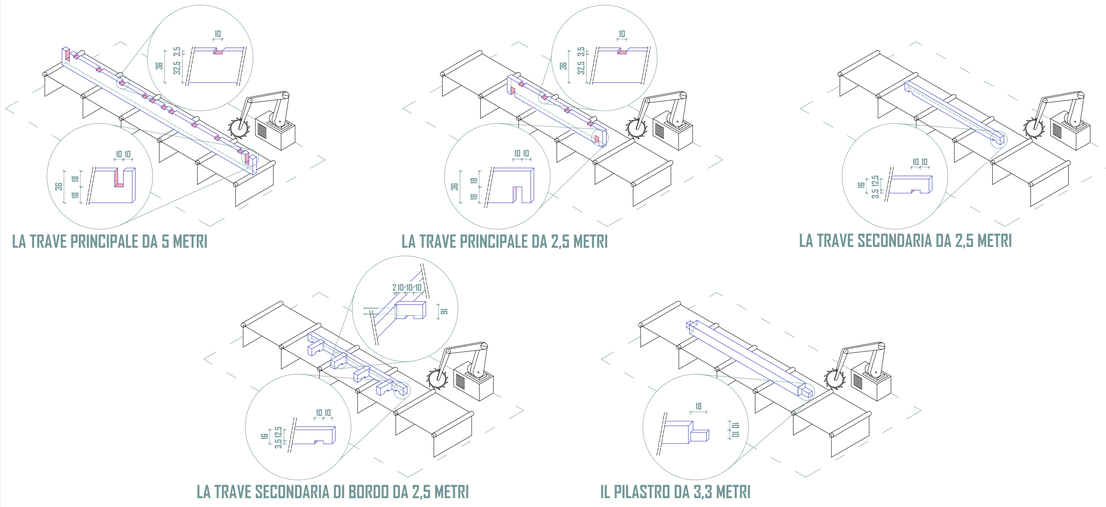
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ABACO DEGLI ELEMENTI DELLA CHIUSURA SUPERIORE

ABACO DEGLI INFISSI

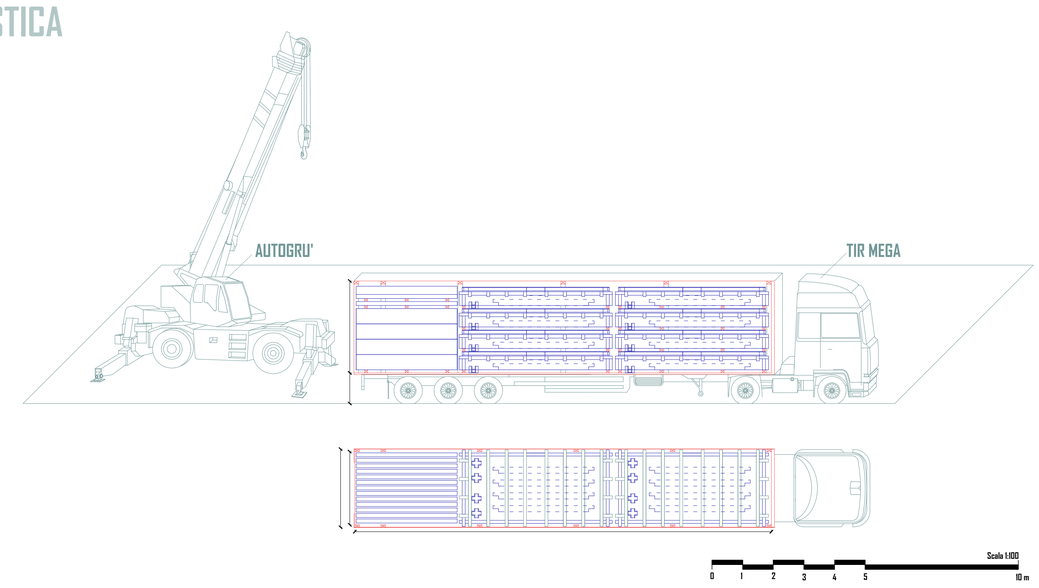
LE SPECIFICHE PRODUTTIVE

GLI ELEMENTI DEL MODULO DADO



IL TRASPORTO E LA MOVIMENTAZIONE DEGLI ELEMENTI DADO

LA LOGISTICA

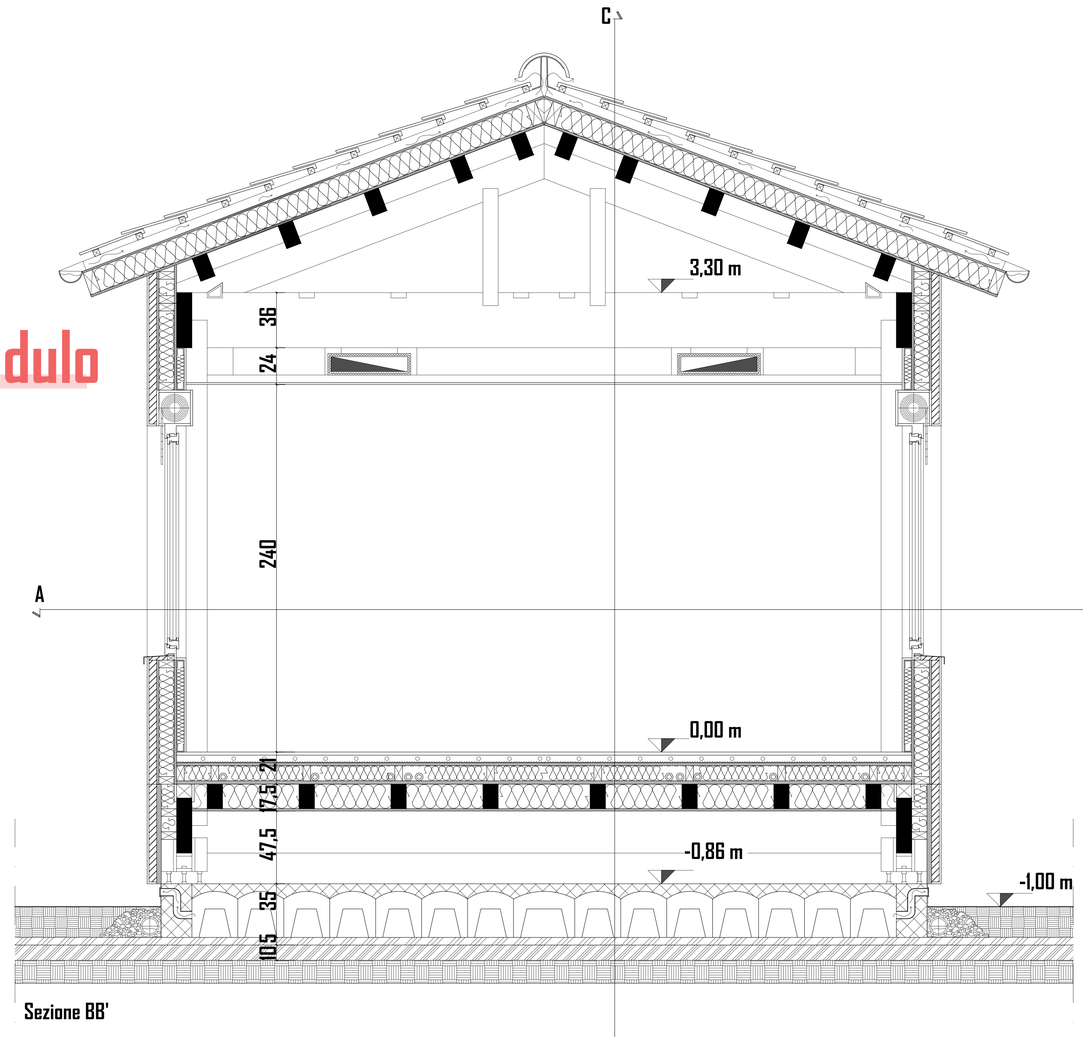


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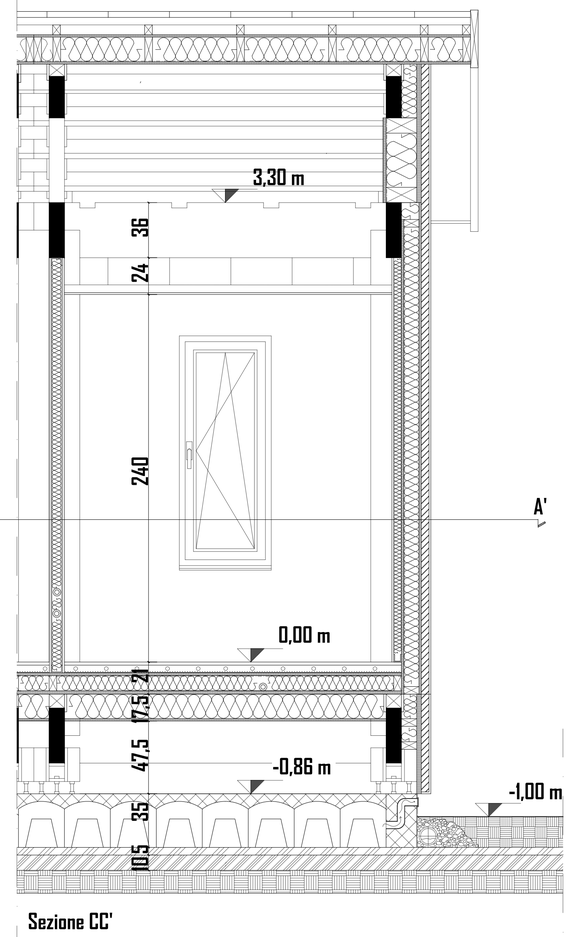
Corso di Laurea Magistrale in Architettura per la Sostenibilità
Candidato: Mola Enrico
Sessione di Settembre 2026

TAV 1 - Elaborati a corredo di tesi di Laurea Magistrale
Relatore: Savio Lorenzo

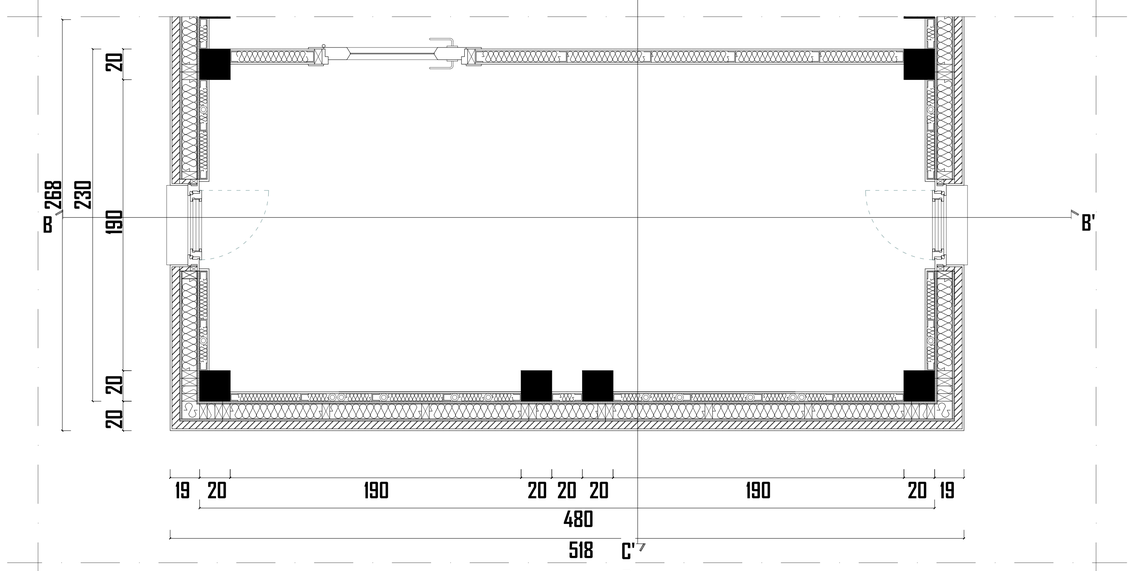
Dettaglio del modulo
scala 1:20



Sezione BB'



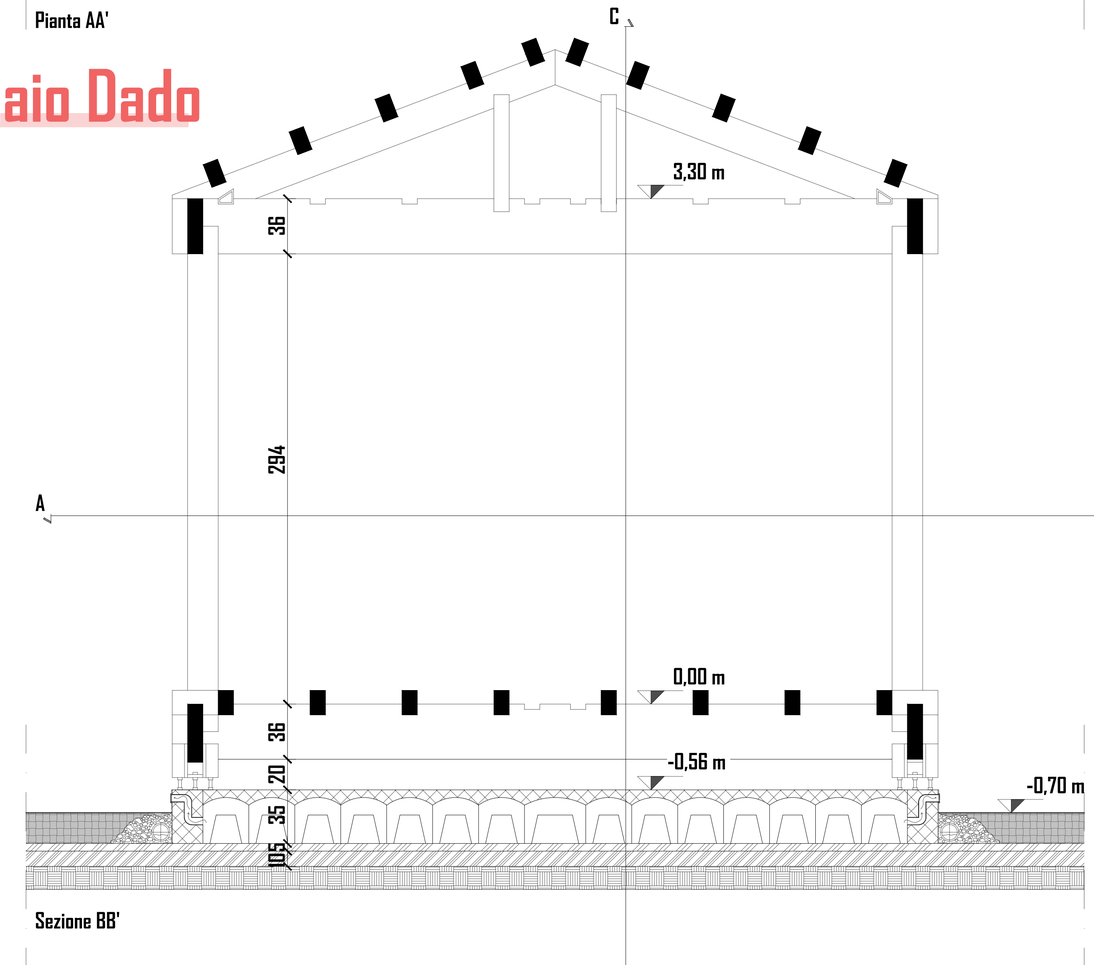
Sezione CC'



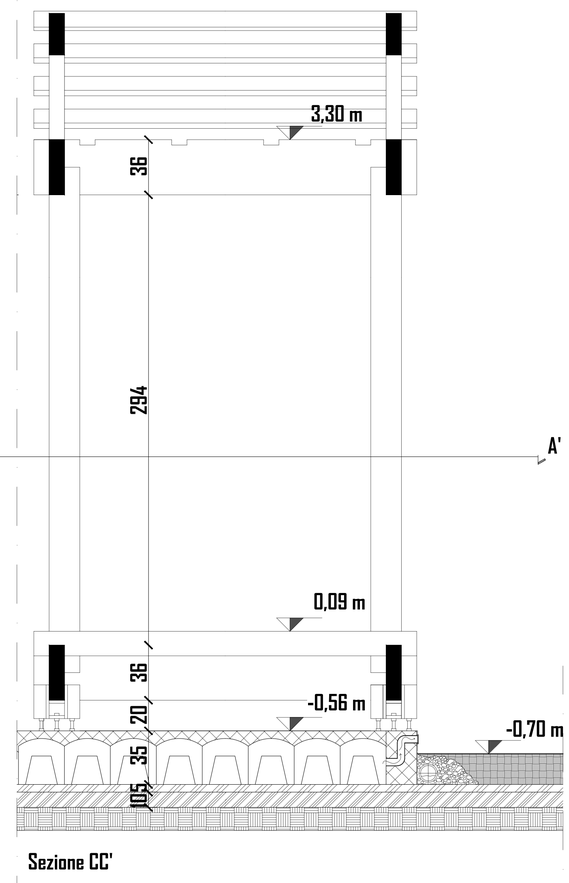
Pianta AA'

- Terreno di riporto
- Terreno
- Calcestruzzo autocompattante fluido
- Magrone
- Calcestruzzo armato
- Ghiaia
- Telaio Dado in legno lamellare
- Listellatura in legno di abete KVH
- Condotto di aerazione 10 x 50
- Coppi
- Linea di terra
- OSB
- Membrana freno vapore
- Guaina impermeabilizzante
- Flussi d'aria
- Isolante acustico
- Lana di roccia
- Cappotto in sughero espanso
- Tubazioni idriche
- Profili metallici a C

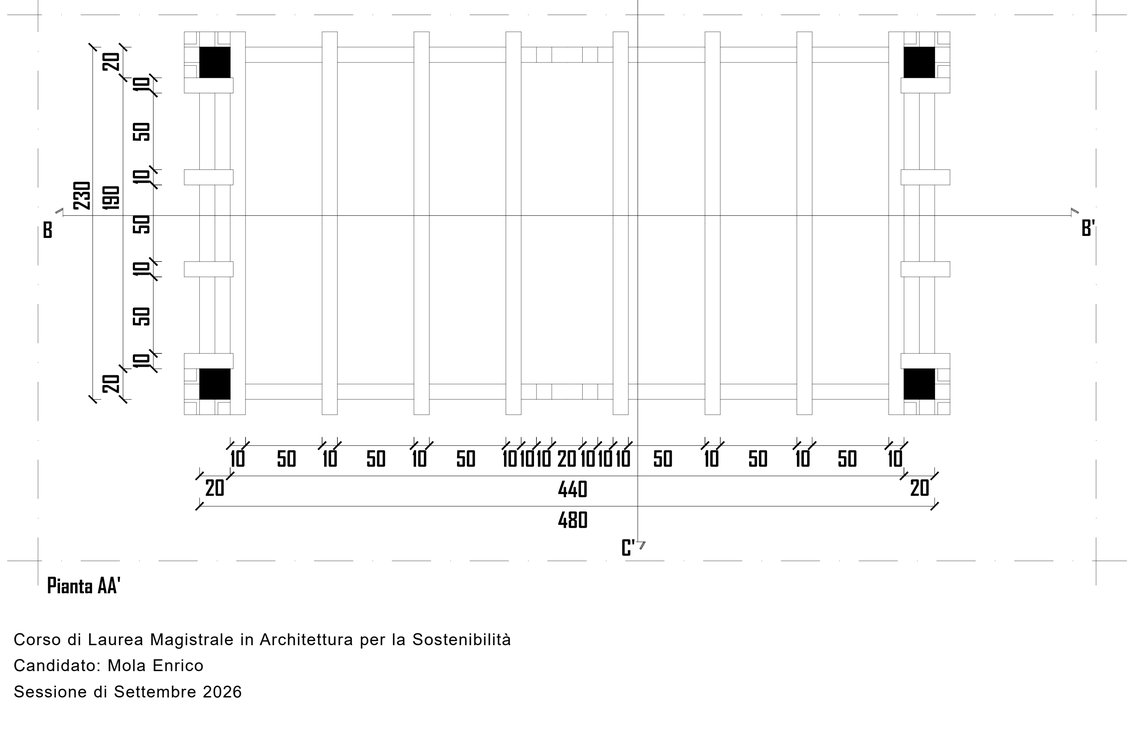
Dettaglio del telaio Dado
scala 1:20



Sezione BB'



Sezione CC'



Pianta AA'

- Terreno di riporto
- Terreno
- Calcestruzzo autocompattante fluido
- Magrone
- Calcestruzzo armato
- Ghiaia
- Telaio Dado in legno lamellare
- Listellatura in legno di abete KVH
- Linea di terra
- Guaina impermeabilizzante

Scala 1:20
0 1 2 m

Politecnico di Torino

Corso di Laurea Magistrale in Architettura per la Sostenibilità
Candidato: Mola Enrico
Sessione di Settembre 2026

TAV 2 - Elaborati a corredo di tesi di Laurea Magistrale
Relatore: Savio Lorenzo

Villa Smeraldo


25


24


23

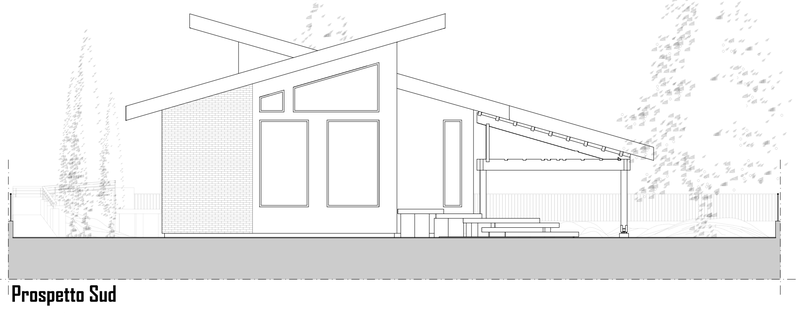

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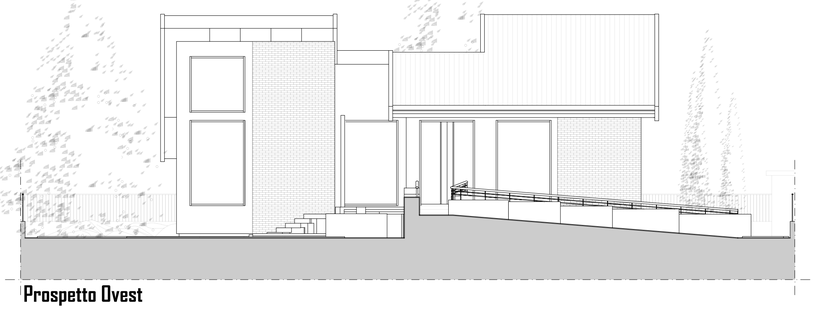

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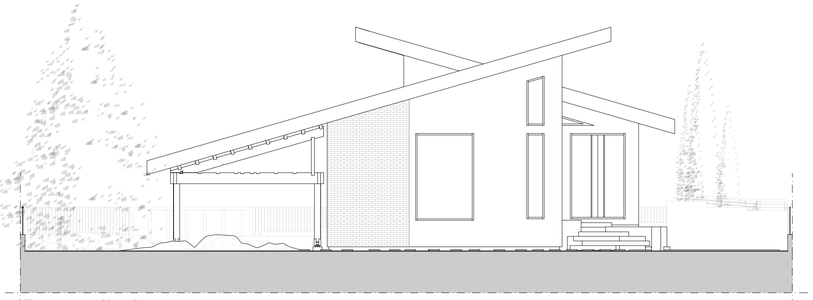

18


2

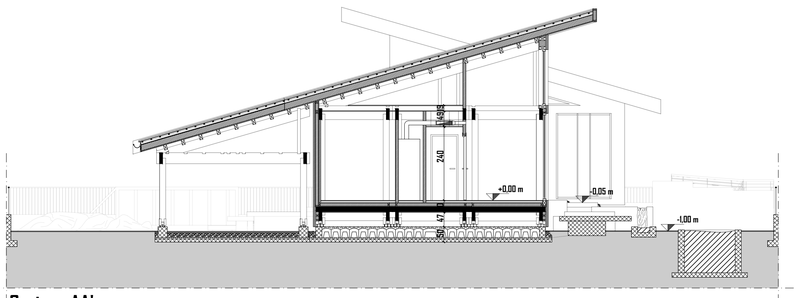

Pianta


Prospetto Sud

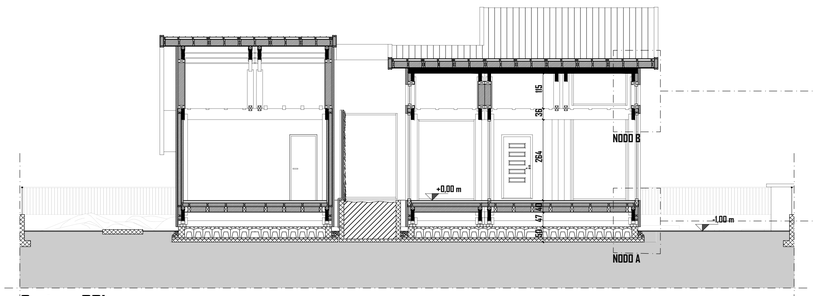

Prospetto Ovest


Prospetto Nord

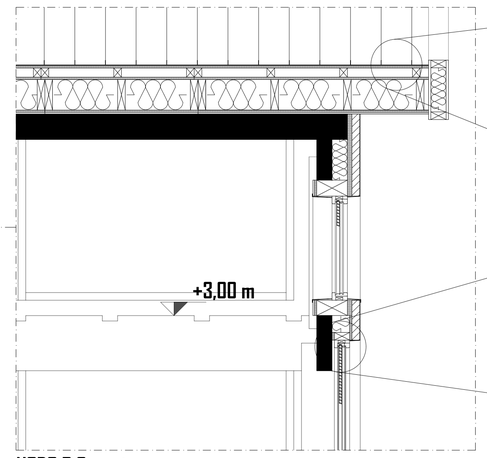

Prospetto Est



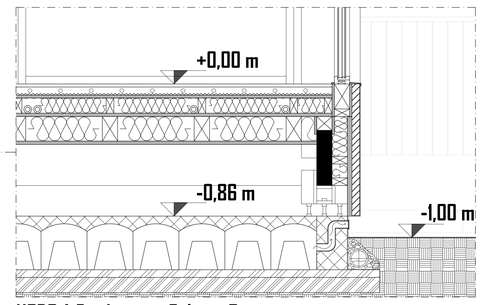
'Sezione AA'



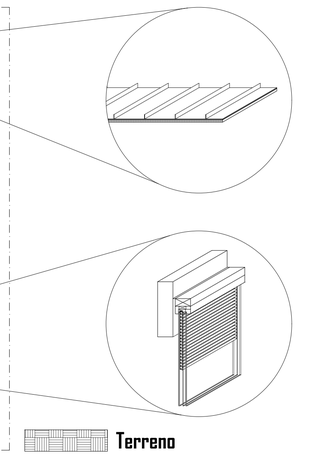
'Sezione BB'



NODO B Copertura



NODO A Fondazioni - Solaio - Parete vetrata



Terreno
Calcestruzzo autocompattante fluido
Magrone
Calcestruzzo armato
Ghiaia
Telaio Dado in legno lamellare
Listellatura in legno di abete KVH
Linea di terra
OSB
Membrana freno vapore
Guaina impermeabilizzante
Isolante acustico
Lana di roccia
Cappotto in sughero espanso
Impianti

Scala 1:20
0 1 2 m

Dimora Rubino


1

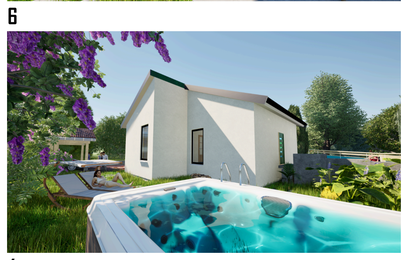

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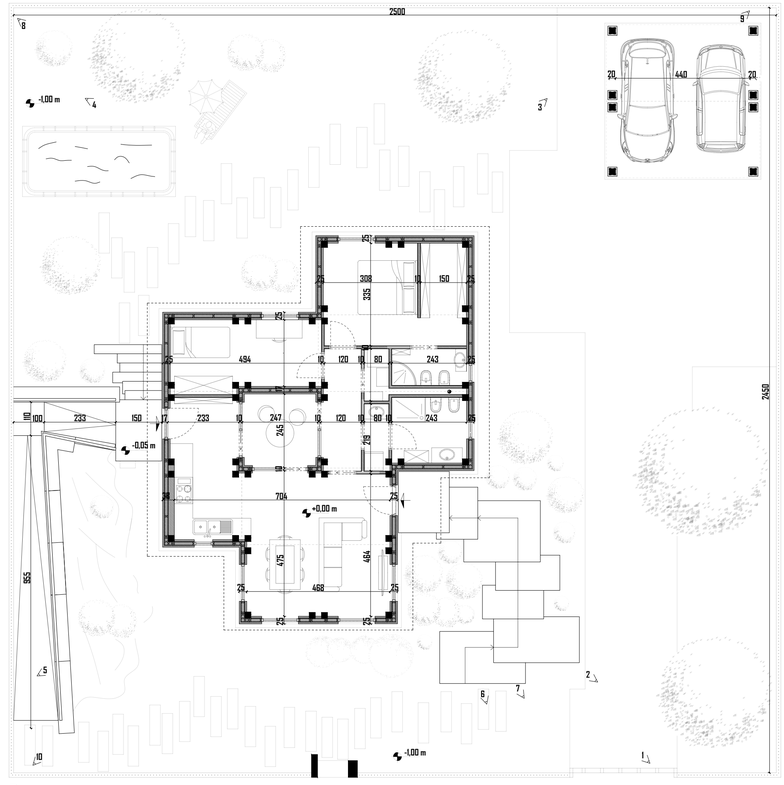

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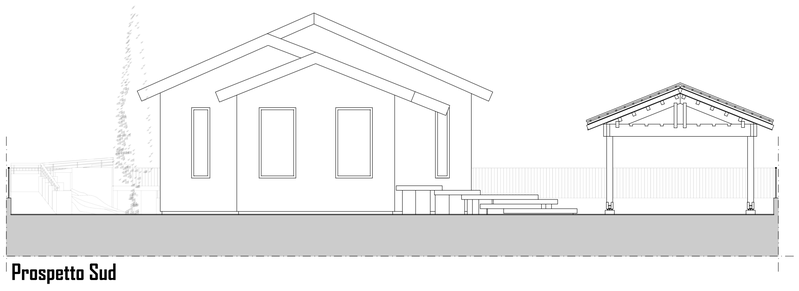

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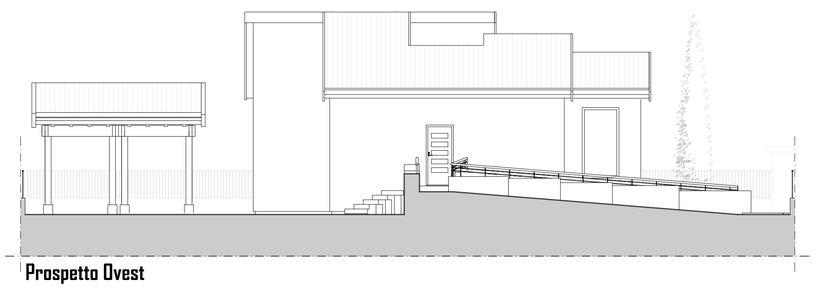

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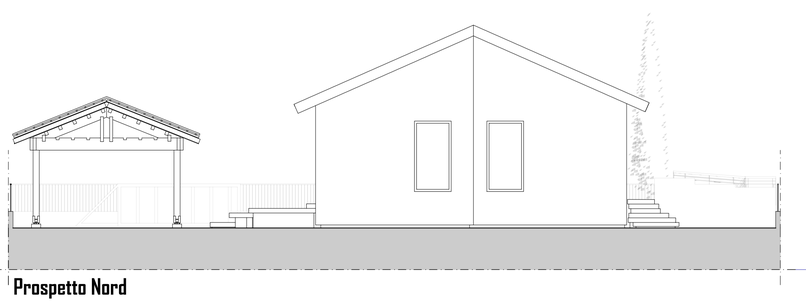

6


4


Pianta


Prospetto Sud


Prospetto Ovest


Prospetto Nord


Prospetto Est

Scala 1:100
0 1 2 3 4 5 10 m

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1859

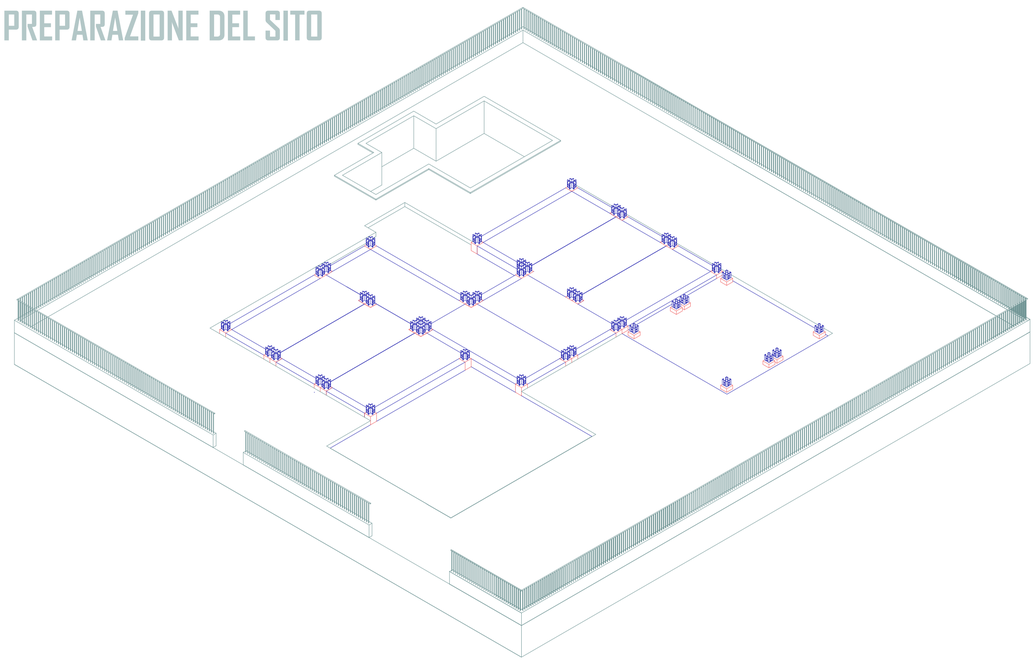
Corso di Laurea Magistrale in Architettura per la Sostenibilità
Candidato: Mola Enrico
Sessione di Settembre 2026

TAV 3 - Elaborati a corredo di tesi di Laurea Magistrale
Relatore: Savio Lorenzo

Le Fasi di Montaggio e le Analisi a Fine vita di Villa Smeraldo:

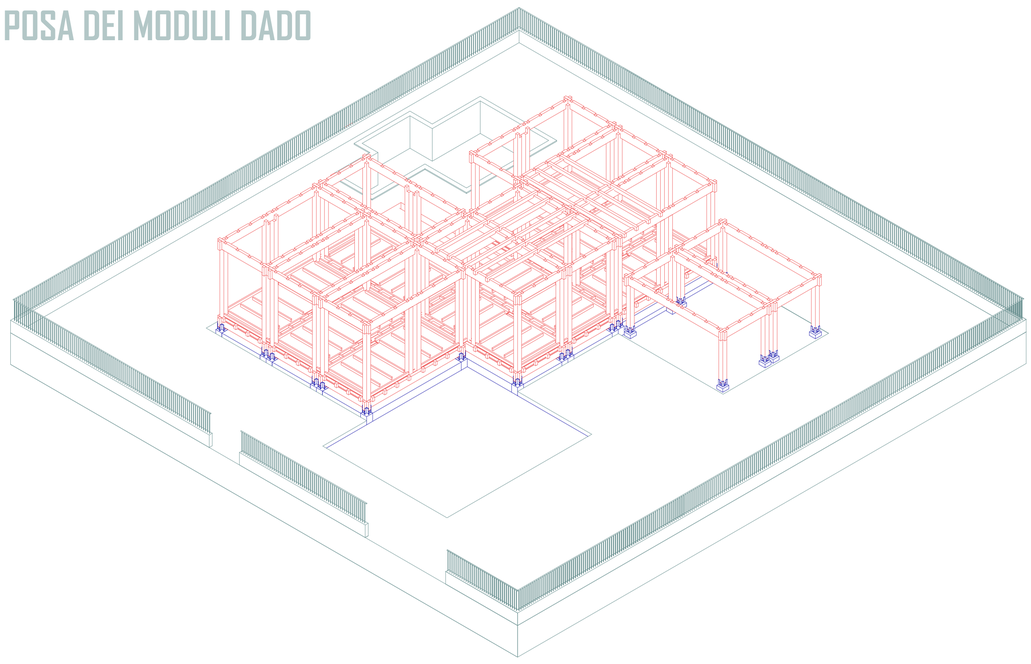
01 PREPARAZIONE DEL SITO

LA FONDAZIONE



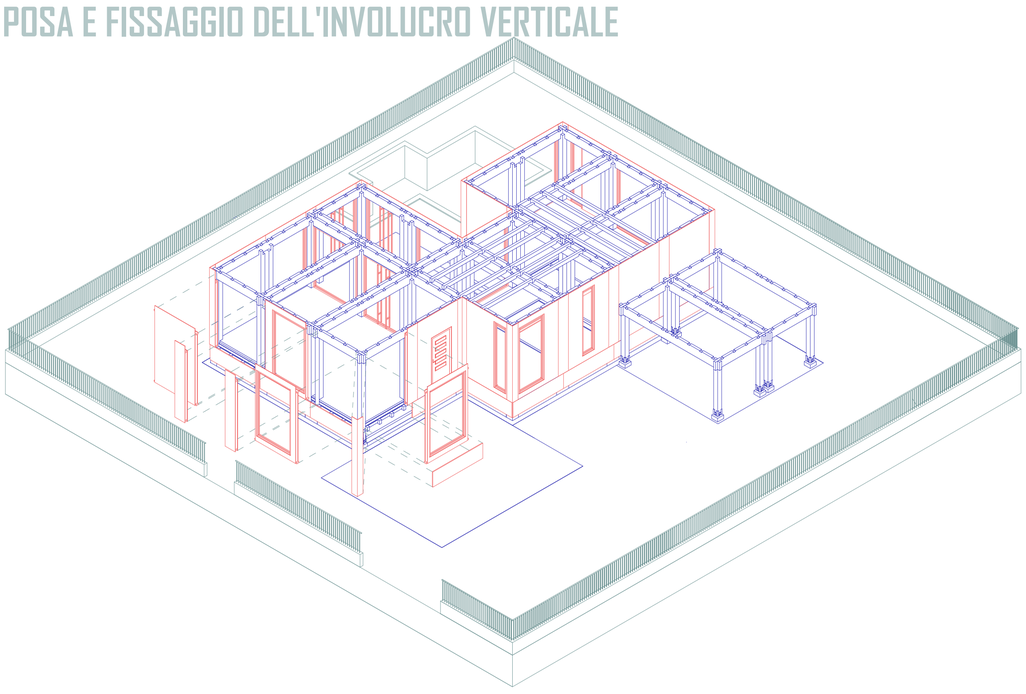
02 POSA DEI MODULI DADO

IL SOLAIO E IL MODULO



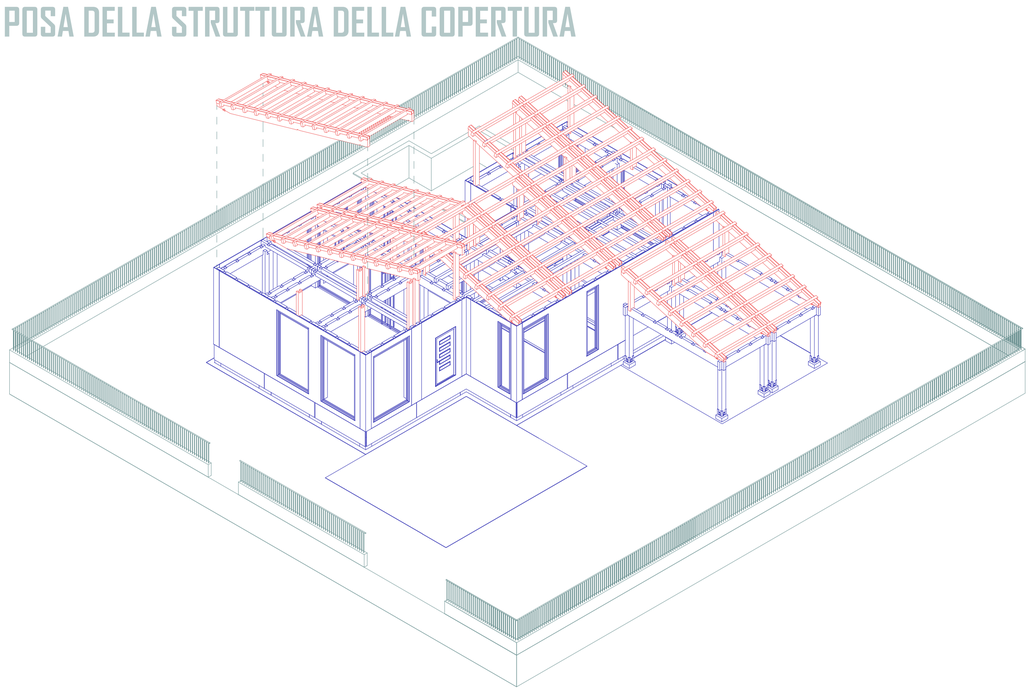
03 POSA E FISSAGGIO DELL'INVOLUCRO VERTICALE

LE PARETI E GLI INFISSI



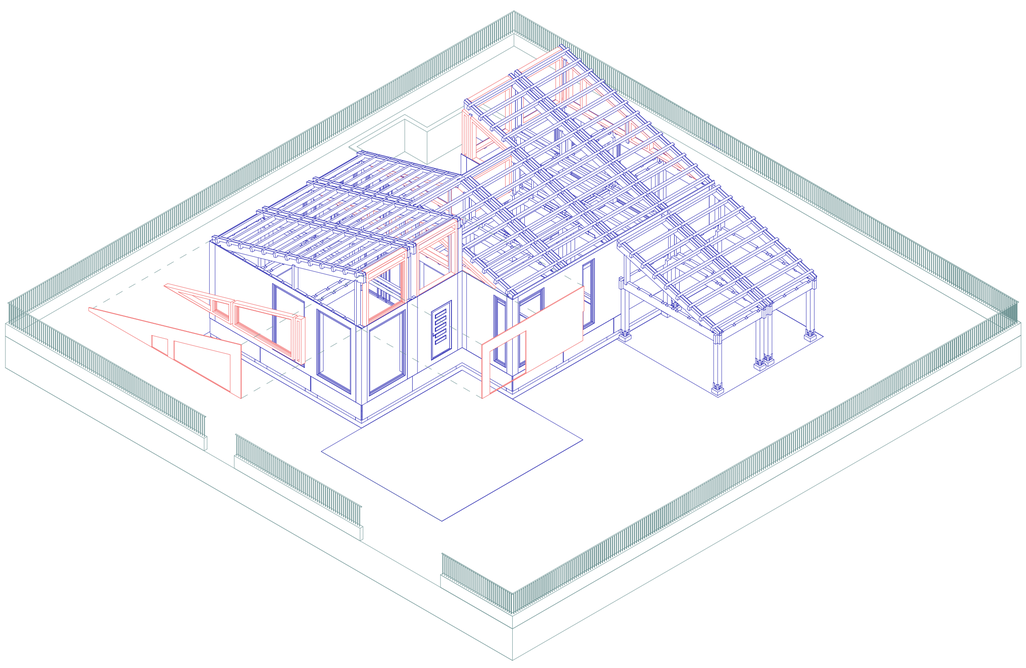
04 POSA DELLA STRUTTURA DELLA COPERTURA

LA COPERTURA



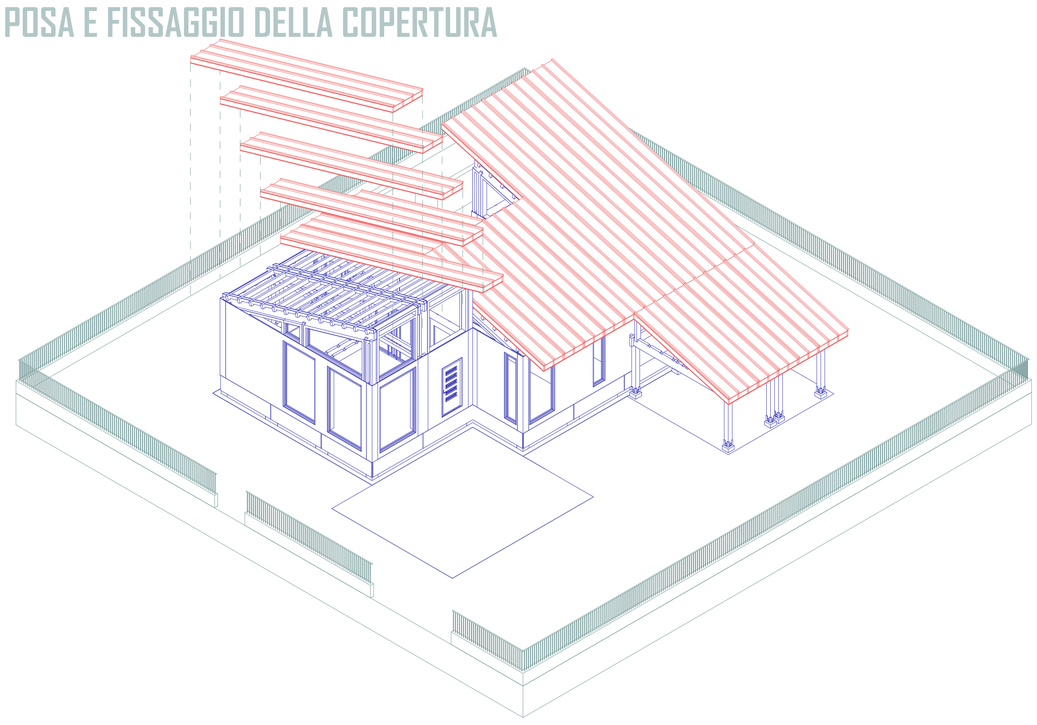
05 POSA E FISSAGGIO DELL'INVOLUCRO VERTICALE DI COPERTURA

LA COPERTURA



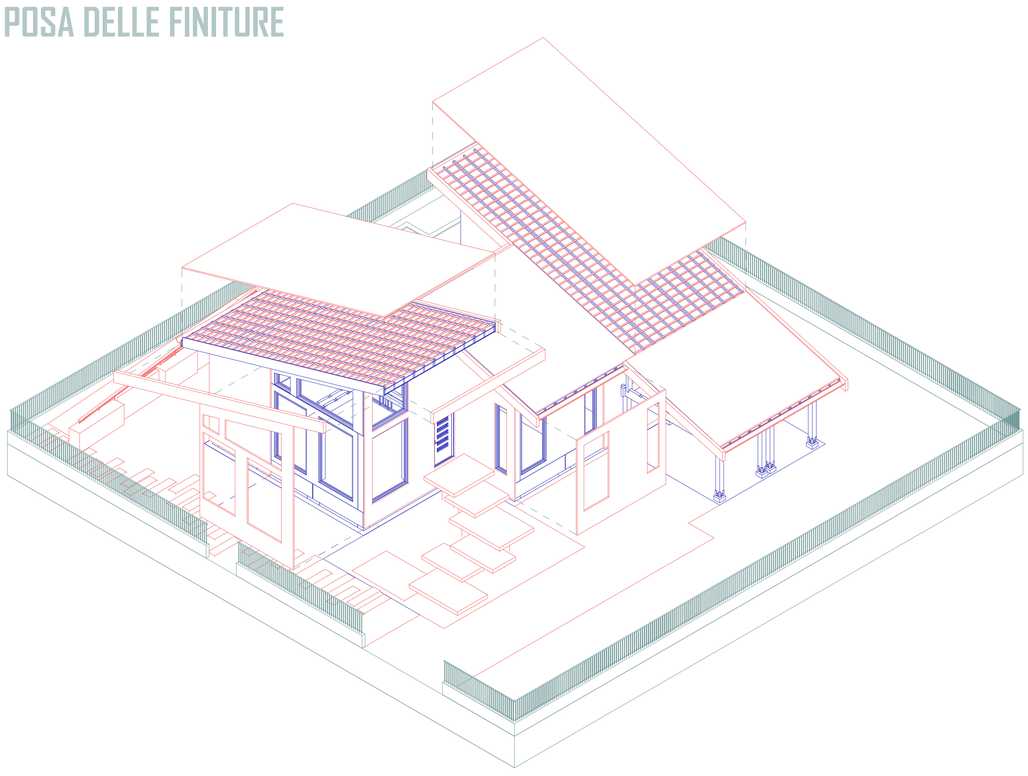
06 POSA E FISSAGGIO DELLA COPERTURA

LA COPERTURA



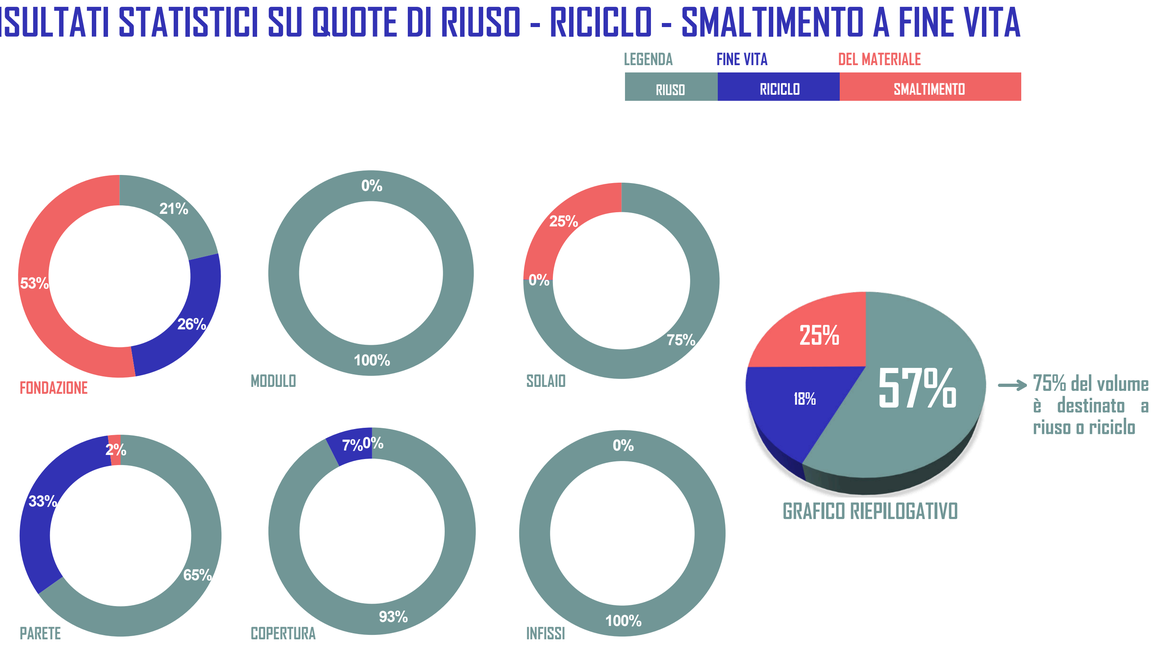
07 POSA DELLE FINITURE

LE FINITURE DI COPERTURA E DELLE PARETI



RISULTATI STATISTICI SU QUOTE DI RIUSO - RICICLO - SMALTIMENTO A FINE VITA

LE ANALISI DI VILLA SMERALDO A FINE VITA



Politecnico di Torino

Corso di Laurea Magistrale in Architettura per la Sostenibilità
Candidato: Mola Enrico
Sessione di Settembre 2026

TAV 4 - Elaborati a corredo di tesi di Laurea Magistrale
Relatore: Savio Lorenzo