Regione Piemonte
Provincia del Verbano Cusio Ossola

CITTA' DI CANNOBIO

PALAZZO DELLA RAGIONE
RECUPERO E RESTAURO

PROGETTO ESECUTIVO

PROGETTO STRUTTURALE

Tav.5S *Scala interna in c.a., carpenteria e schema ferri* *1:50 / 1:20*

PROGETTO E COORDINAMENTO GENERALE

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Aprile 2012

N.B.! CONTROLLARE TUTTE LE MISURE SUL POSTO

MATERIALI

CALCESTRUZZO

Rck (daN/cmq)	Classi (daN/mmq)	fck (daN/cmq)	fcd (daN/cmq)	fctk (daN/cmq)	fctd (daN/cmq)	γc
☒ 300	C 25/30	249	141	17.9	11.9	1.5
☐ 350	C 28/35	290.5	164.6	19.8	13.2	1.5
☐ 400	C 32/40	332	188.1	21.7	14.5	1.5

Cls : resistenza Rck ≧ 30 N/mm²
- Classe di esposizione: XC 1
- Cemento: 42.5 R
- Rapporto massimo acqua/cemento = 0.60
- Copriferro nominale: 20 mm
- Dimensione massima dell'aggregato: 20 mm
- Classe di consistenza (Slump): S3 (semifluido)

Cls magro : resistenza Rck ≧ 15 N/mm² classe C12/15
Classe di esposizione X0

ACCIAIO PER c.a. (controllato in stabilimento)

TIPO	fyk (daN/cmq)	ftd (daN/cmq)	γs
☒ B450 C	4500	3913	1.15

ACCIAIO PER CARPENTERIA

Classe	fyk (daN/cmq)	ftk (daN/cmq)	fyd (daN/cmq)	Es (daN/cmq)	γM
☐ S235	2350	3600	2238.1	2100000	1.05
☒ S275	2750	4300	2619	2100000	1.05
☐ S355	3550	5100	3381	2100000	1.05

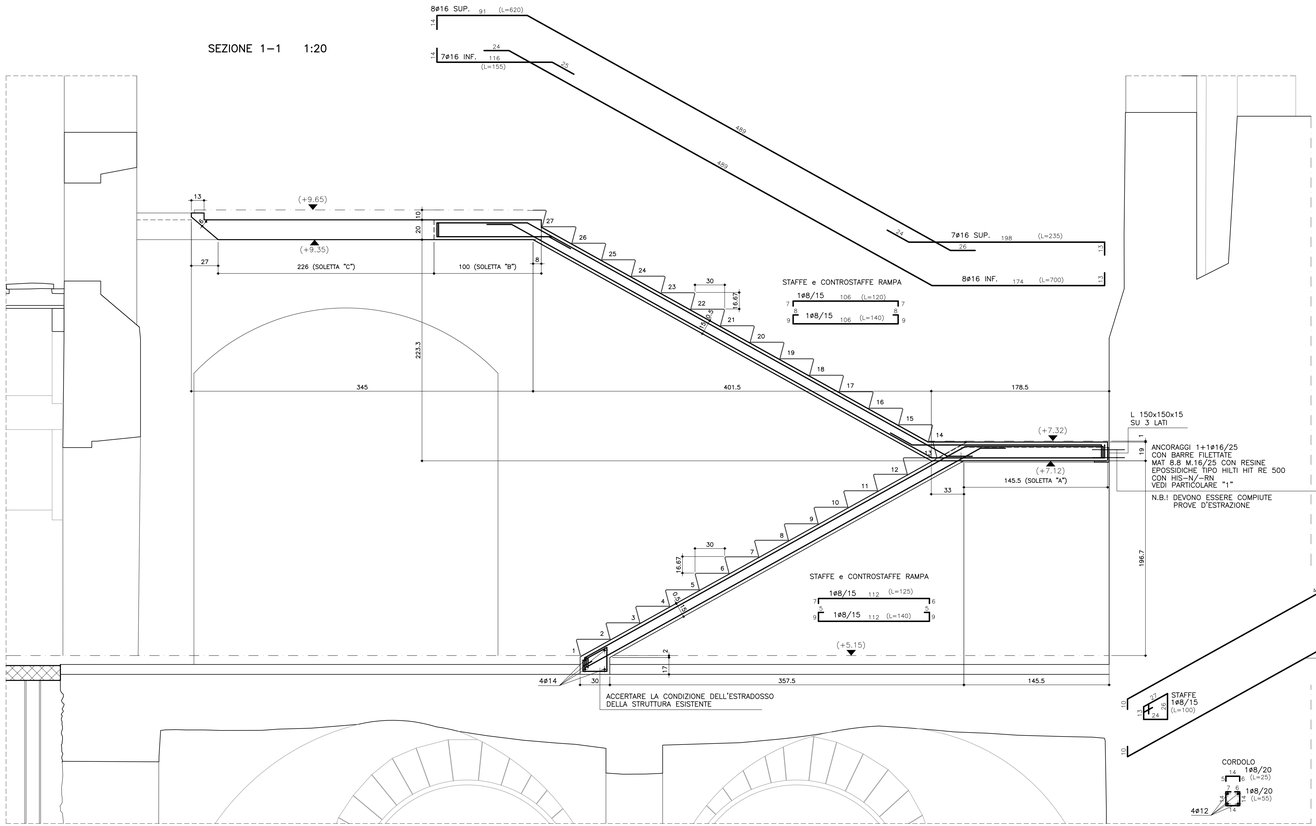
METODO DI CALCOLO

STATI LIMITE ULTIMI–N.T.C 08

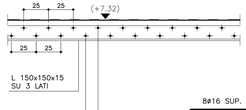
CARICHI

peso proprio	:	375	daN/m2
carichi fissi	:	100/150	daN/m2
carichi accidentali	:	400/500	daN/m2

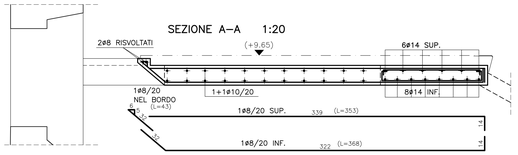
SEZIONE 1–1 1:20



PARTICOLARE "1" 1:20

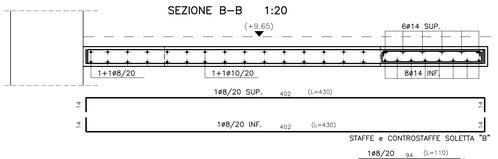


SEZIONE A–A 1:20



STAFFE e CONTROSTAFFE SOLETTA "B"

SEZIONE B–B 1:20



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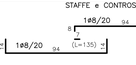
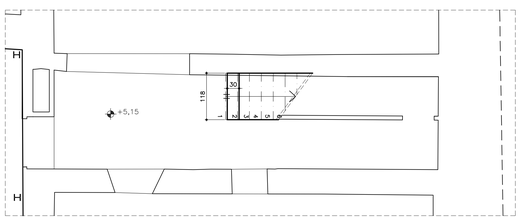
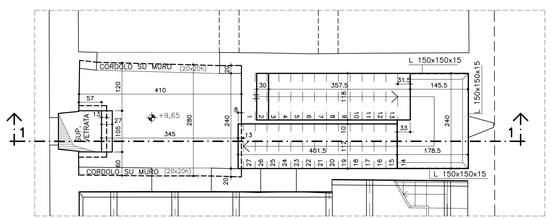
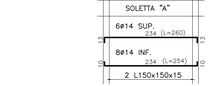




PIANO PRIMO 1:50



PIANO SECONDO 1:50



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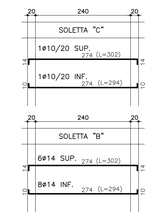

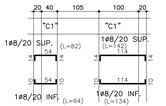

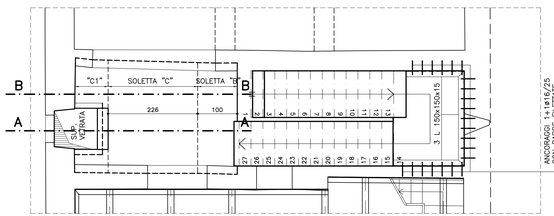

PIANO SECONDO 1:50
(ARMATURA)