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architettura ingegneria urbanistica
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tel 0522 922460 / fax 0522 920794
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C. f. e Iva 00474840352

Titolo del progetto

– NUOVA SCUOLA PER L'INFANZIA A SEI SEZIONI
IN LOCALITA' CASTELLO DI SERRAVALLE - VIALE G. VERDI
COMUNE DI VALSAMOGGIA (BO)
PROGETTO ESECUTIVO

committente

– COMUNE DI VALSAMOGGIA (Città Metropolitana di Bologna, BO), Piazza Garibaldi n° 1, 40053 - Valsamoggia (BO)

titolo della tavola

– STRUTTURE:
COLLEGAMENTO MURATURA DI TAMPONAMENTO ESTERNO
STRUTTURA BALCONE METALLICO

num. pratica	data emissione	redatto da	rapp. disegni	lay-out	fase operativa	file
4213	febbraio 2017		1:50 1:25 1:20	S01	esecutivo	4213 ES001a.DWG

rev.	data	descrizione	redatto da
A	15/05/2017	REVISIONE COME DA INDICAZIONI DEL SERVIZIO AREA RENO E PO DI VOLANO DEL 14/04/2017	
B	05/07/2017	RICHIESTA DI INTEGRAZIONI DEL SERVIZIO AREA RENO E PO DI VOLANO DEL 29/06/2017 (VS-005-2017)	
C			
D			
E			

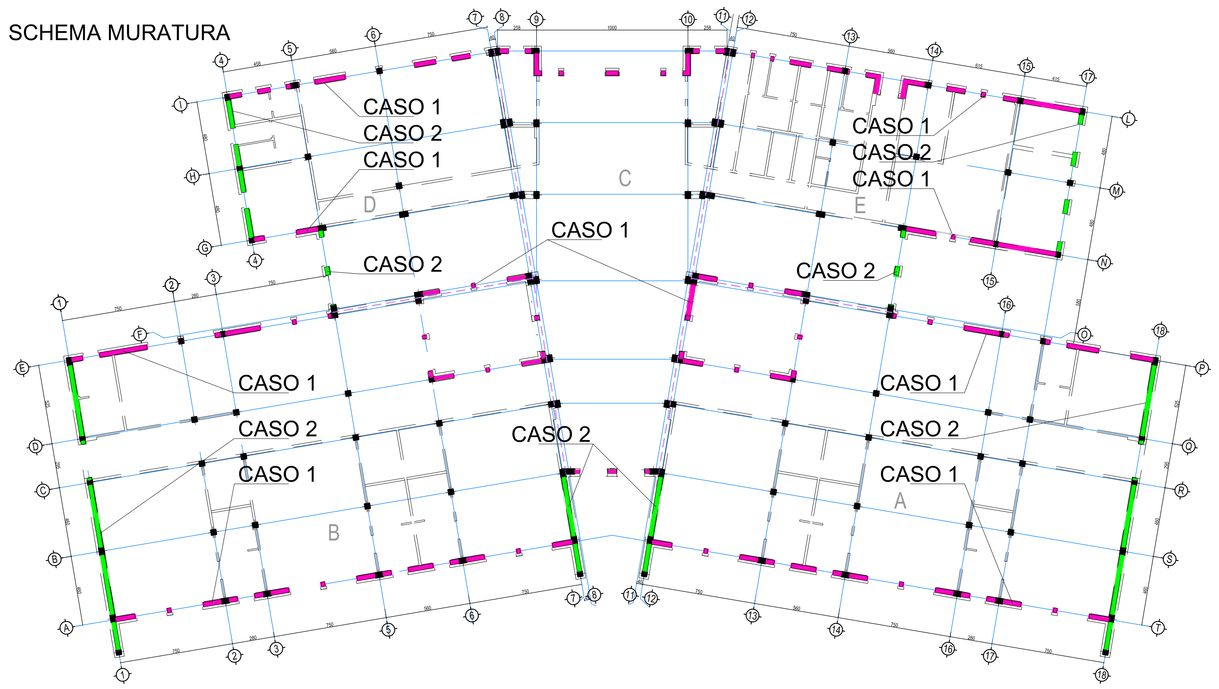
Il responsabile della progettazione architettonica
Arch. Enrico Tamarani

Il responsabile della progettazione strutturale e impiantistica
Ing. Davide Bedogni

N°. tavola: S08

orientamento

SCHEMA MURATURA



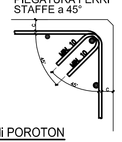
CARATTERISTICHE MATERIALI

CALCESTRUZZO
C12 / 15 -*MAGRONE*
C25 / 30 -***FONDAZIONI E PILASTRI***
CLASSE di ESPOSIZIONE
XC2 (2a) **per strutture di fondazione**
XC2 (2a) **per strutture in elevazione**
CLASSE DI CONSISTENZA: S3/S4
DIMENSIONE MAX. INERTI: 32mm

ACCIAIO
BARRE AD ADERENZA MIGLIORATA
B 450C (Fe B 44K)
CONTROLLATO IN STABILIMENTO CON TENSIONI CARATTERISTICHE:
A SNERVAMENTO fyk≥ 450 N/mm² (≥ 4400 daN/cm²)
DI ROTTURA ftk≥ 5400 N/mm² (≥ 5500 daN/cm²)

COPRIFERRO
FONDAZIONI = cm. 3,0
PILASTRI = cm. 3.0
TRAVI = cm. 3,0

PIEGATURA FERRI STAFFE a 45°



MURATURA in BLOCCHI di POROTON
PER MURATURA ARMATA (tipo Poroton P800MA o eq)
(% FORATURA < 45%)
fbk ≥ 50 Kg/mm²
MALTA tipo M5

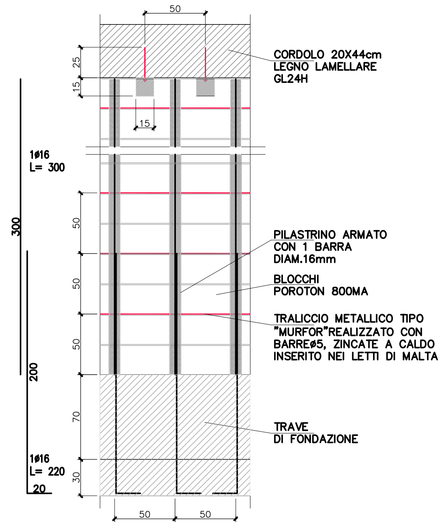
TRAVI LEGNO LAMELLARE
TIPO GL 24H

RESISTENZA AL FUOCO DELLE STRUTTURE: R60

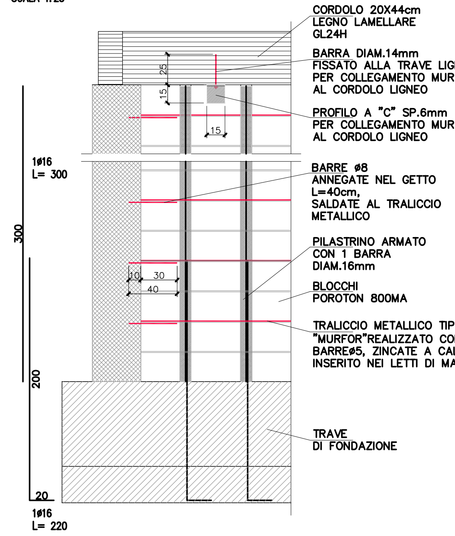
LEGENDA FONDAZIONI

TRAVE ROVESCIA DI FONDAZIONE
CORDOLO DI FONDAZIONE
(1) NUMERAZIONE PILASTRI IN C.A. :
PILASTRO in C.A. che PROSEGUE OLTRE il SOLAIO
(A) ASSI di TRACCIAMENTO

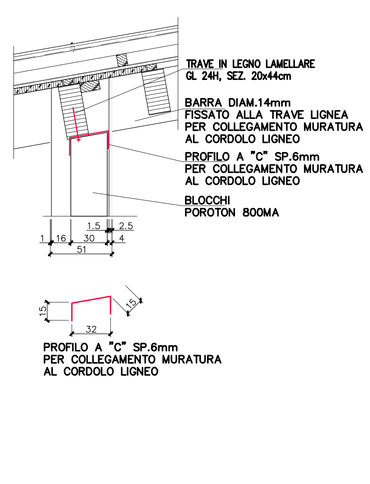
Caso 1 - dett.A- prospetto
SCALA 1:25



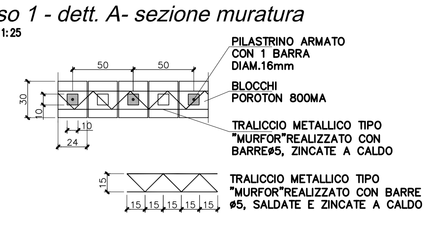
Caso 1 - dett.B- prospetto
SCALA 1:25



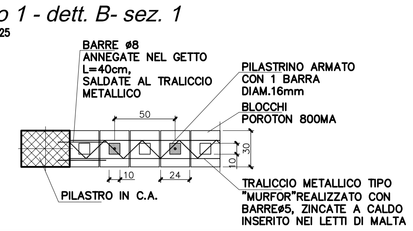
Caso 1 - dett.B- sez.2
SCALA 1:25



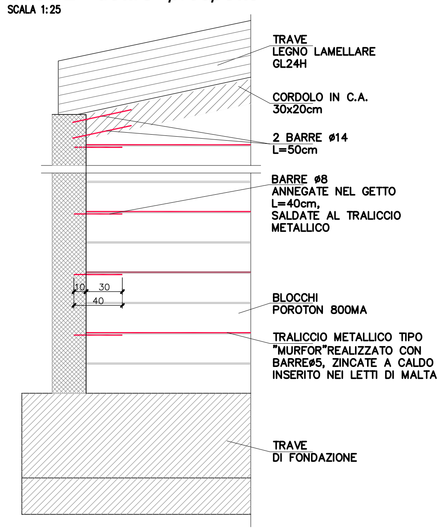
Caso 1 - dett. A- sezione muratura
SCALA 1:25



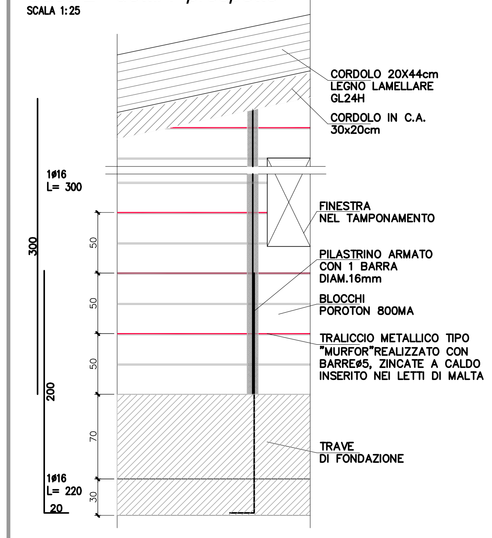
Caso 1 - dett. B- sez. 1
SCALA 1:25



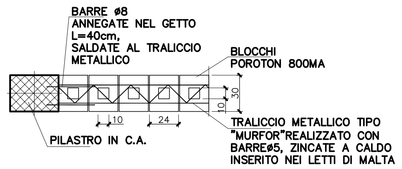
Caso 2 - dett.C- prospetto
SCALA 1:25



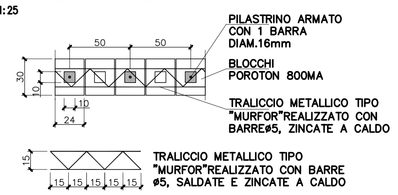
Caso 2 - dett.A- prospetto
SCALA 1:25

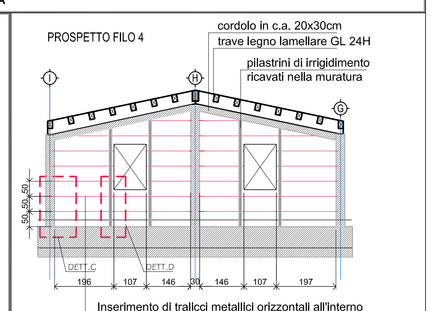


Caso 2 - dett. C- sez. 1
SCALA 1:25

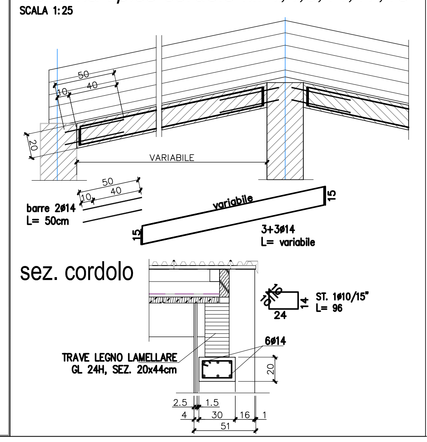


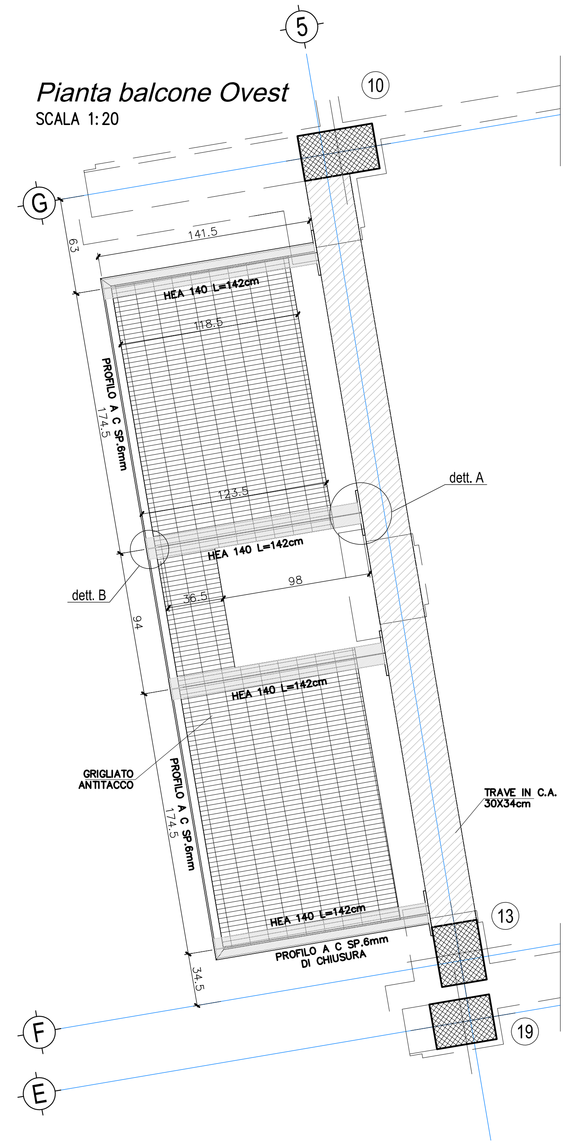
Caso 1 - dett. A- sezione muratura
SCALA 1:25

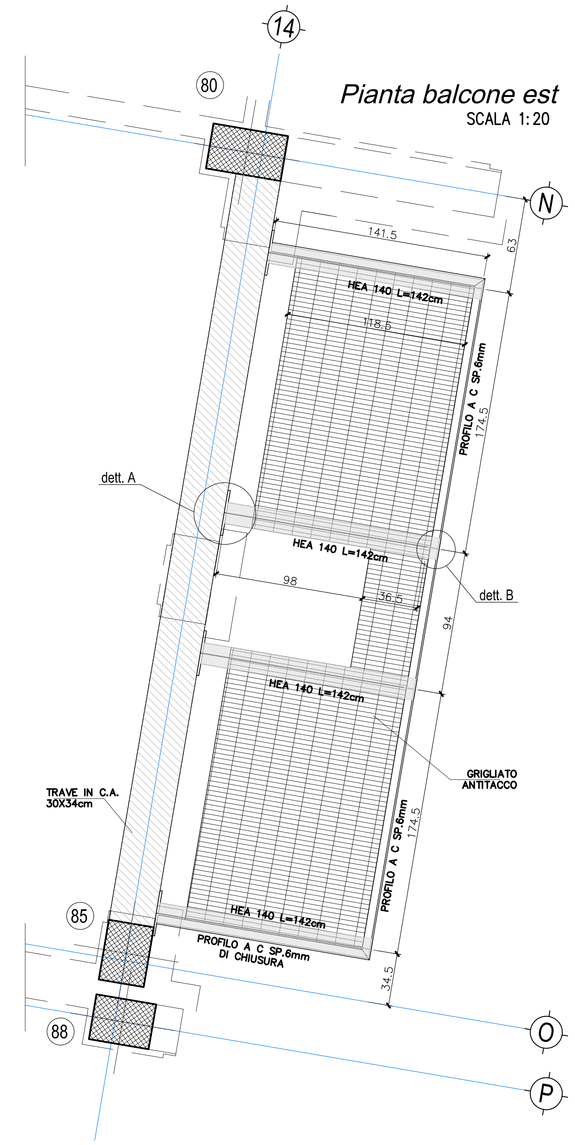




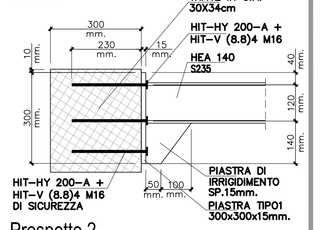
Schema tipico cordolo fili 1,4,5,14,17,18
SCALA 1:25



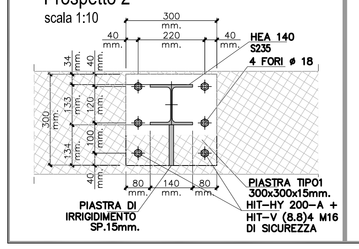




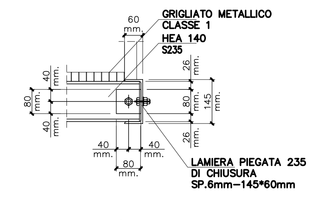
DETT. A - Prospetto1
scala 1:10



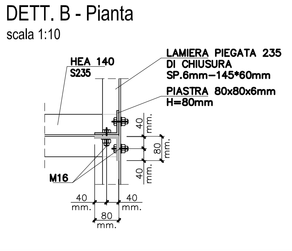
Prospetto 2
scala 1:10



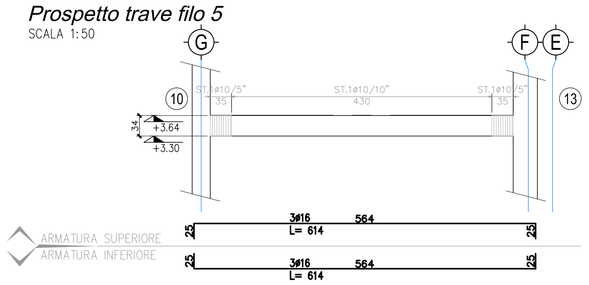
DETT. B - Prospetto 1
scala 1:10



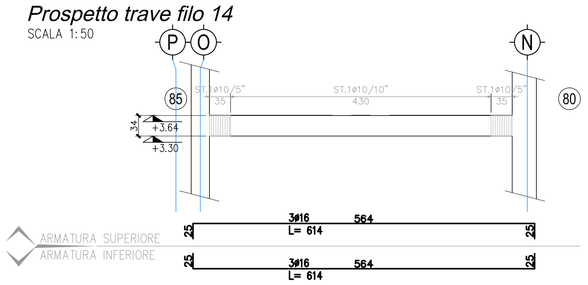
DETT. B - Pianta
scala 1:10



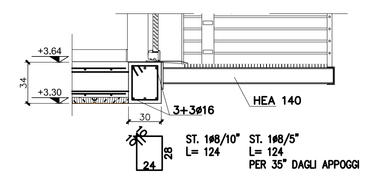
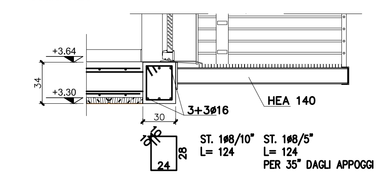
Prospetto trave filo 5
SCALA 1:50



Prospetto trave filo 14
SCALA 1:50



sez. tipica trave in c.a. filo 5
scala 1:25



sez. tipica trave in c.a. filo 14
scala 1:25