ccdp soc. cooperativa di progettazione a r.l.
architettura - ingegneria - urbanistica
Via Lombardia 6 - 1 40133 Reggio Emilia
tel 0522 922460 / fax 0522 925744
www.ccdprog.com / mail: info@ccdprog.com
C. F. E P. IVA 00419400352

Sistema di Gestione Qualità UNI EN ISO 9001:2008 CERTIFICATO CQY 1999/0

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

Sede della fornitura:
- STRUTTURE:
1° SOLAIO IN LEGNO LAMELLARE (LOCALI TECNICI UTA) E SOLAIO COPERTURA
- DETTAGLI

cod. unità	data emissione	redatto da	resp. dilegati	file ref.	tipo quadro	file
4013	febbraio 2017		1:10	007	esecutivo	4013 ESSOLUME

rev.	data	descrizione	redatto da
1	16/05/2017	REVISIONE COME DA INDICAZIONI DEL SERVIZIO AREA REMO E PO DI VOLANO DEL 15/04/2017	
2	26/07/2017	RICHIESTA DI INTEGRAZIONI DEL SERVIZIO AREA RENO E PO DI VOLANO DEL 25/06/2017 (VS-089-2017)	
3			
4			
5			

Il responsabile della progettazione architettonica

Il responsabile della progettazione strutturale e impiantistica

N° tavola: S07

riferimento:

Arch. Enrico Ferrarini

Ing. Davide Bertoni

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°

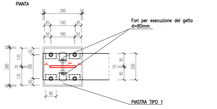
MURATURA in BLOCCHI di POROTON
PER MURATURA ARMATA (Box Poroton P800MA in HG)
(% FORATURA < 45%)
Rik ≥ 50 Kg/mm²
MALTA tipo M5

TRAVI LEGNO LAMELLARE
TIPO GL 24H

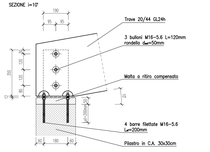
RESISTENZA AL FUOCO DELLE STRUTTURE: R60

DETTAGLIO 01 – 1:10

PIANTA



SEZIONE i=10°



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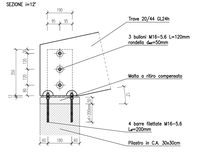

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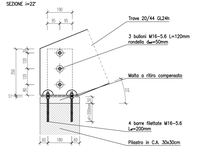
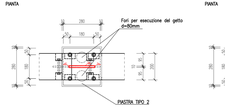


DETTAGLIO 02 – 1:10

PIANTA



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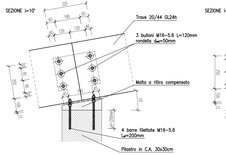

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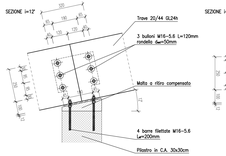
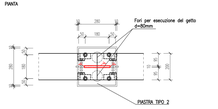


DETTAGLIO 03 – 1:10

PIANTA



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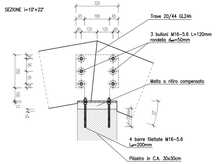
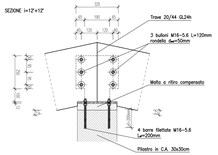


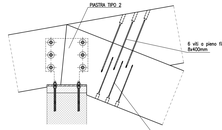
SEZIONE i=12°±2°



DETTAGLIO 04 – 1:10

PIANTA

SEZIONE i=10°±2°



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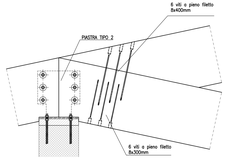
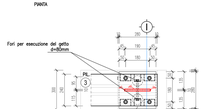
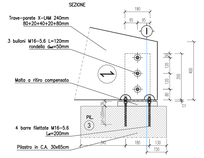


DETTAGLIO 05a – 1:10

PIANTA

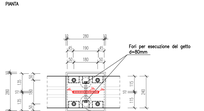


SEZIONE

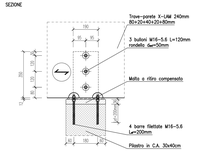


DETTAGLIO 05b – 1:10

PIANTA



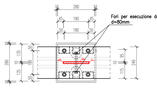
SEZIONE



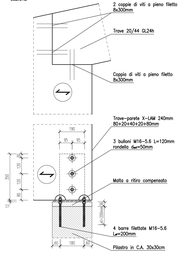
DETTAGLIO 05c – 1:10

PIANTA ESTRADOSSO

PIANTA INTRADOSSO

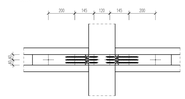


SEZIONE

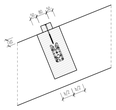


DETTAGLIO GENERALE CONNESSIONE TRAVETTI CON TRAVI – 1:10
VERSIONE ALTERNATIVA

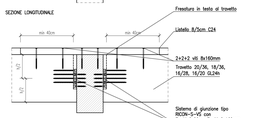
PIANTA



SEZIONE TRASVERSALE

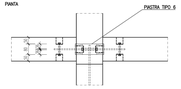


SEZIONE LONGITUDINALE

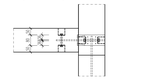


DETTAGLIO GENERALE CONNESSIONE TRAVETTI CON TRAVI – 1:10
IN CORRISPONDENZA DEL DETTAGLIO 02

PIANTA



PIANTA (SOLO SU UN LATO)



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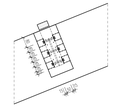
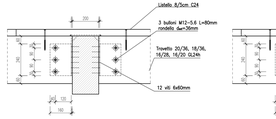
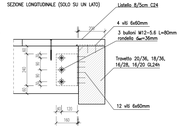


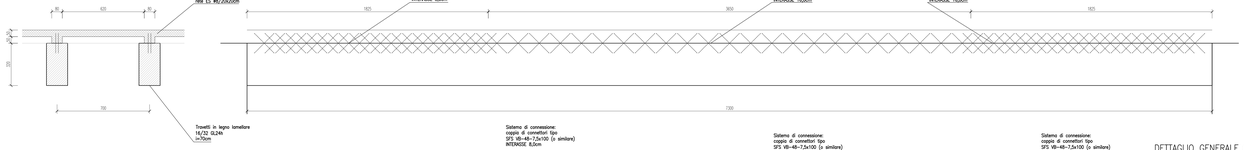
SEZIONE LONGITUDINALE

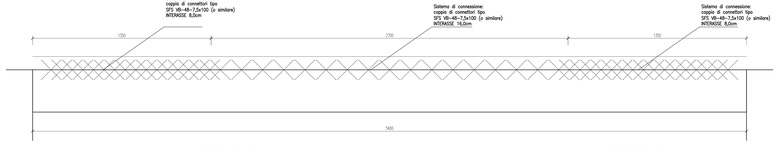


SEZIONE LONGITUDINALE (SOLO SU UN LATO)

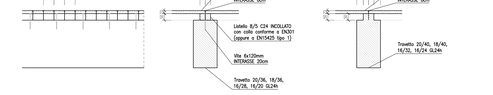


DETTAGLIO SOLAIO IN LEGNO CON CAPPA COLLABORANTE – 1:10



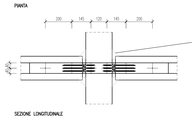


DETTAGLIO GENERALE CONNESSIONE OSB SU TRAVETTI – 1:10

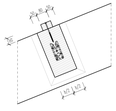


DETTAGLIO GENERALE CONNESSIONE TRAVETTI CON TRAVI – 1:10

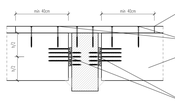
PIANTA



SEZIONE TRASVERSALE

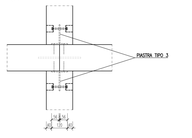


SEZIONE LONGITUDINALE

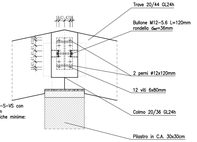


DETTAGLIO 06 – 1:10

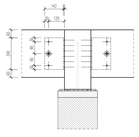
PIANTA



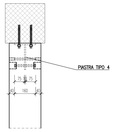
SEZIONE TRASVERSALE

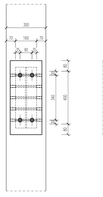


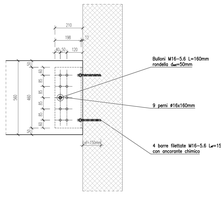
SEZIONE LONGITUDINALE



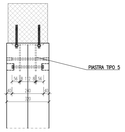
DETTAGLIO 07a – 1:10

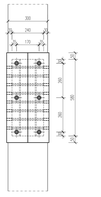


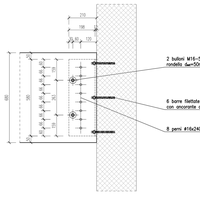




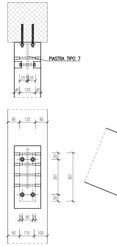
DETTAGLIO 07b – 1:10





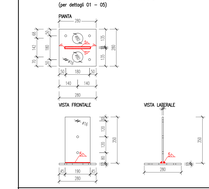


DETTAGLIO 08 – 1:10

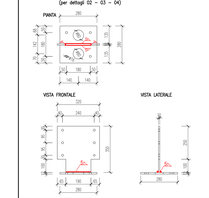


LEGENDA: CORDONE DI SALDATURA

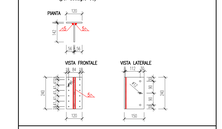
PIASTRA TIPO 1 – 1:10
(per dettagli 01 – 05)



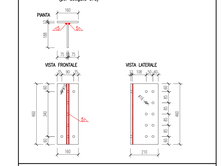
PIASTRA TIPO 2 – 1:10
(per dettagli 02 – 03 – 04)



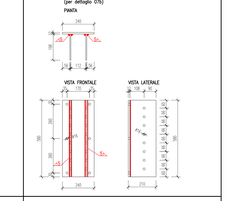
PIASTRA TIPO 3 – 1:10
(per dettaglio 06)



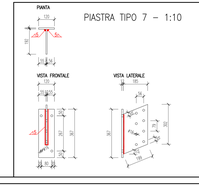
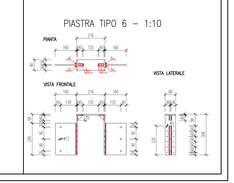
PIASTRA TIPO 4 – 1:10
(per dettaglio 07a)



PIASTRA TIPO 5 – 1:10
(per dettaglio 07b)



PIASTRA TIPO 7 – 1:10



PIASTRA TIPO 6 – 1:10