BALDI & ASSOCIATI ingegneria architettura

STUDIO BALDI & ASSOCIATI, INGEGNERIA E ARCHITETTURA
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Regione Toscana - Provincia di Pistoia

COMUNE di QUARRATA

Piazza della Vittoria n. 1

COLLABORATORI

Progetto Architettonico: Arch. TOMMASO CAPPELLI, Arch. GIULIA BALDI

Progetto Impianti Elettrici e speciali: Ing. SIMONE ARRIGUCCI

Progetto Impianti Meccanici: Ing. SIMONE ARRIGUCCI

Progetto Acustica: Ing. MANUEL GORI

PROGETTISTA

Ing. ALESSANDRO BALDI

TITOLO DEL PROGETTO

REALIZZAZIONE DI PALESTRA AL SERVIZIO DELLA SCUOLA PRIMARIA "DE ANDRE" E SCUOLA DELL'INFANZIA "MADRE TERESA DI CALCUTTA"

FASCICOLO

DISTINTA PILASTRI

UBICAZIONE

via Rubattorno ang. Via del Paradiso - Loc. Santonuovo - Quarrata

DISEGNO N.

Esec.07.1

N.	DATA	OGGETTO REV.
1		
2		
3		
4		
5		
6		

DATA	DOCUMENTO CAD	ARCHIVIO POSIZ. N.
		358

PROGETTISTA	RUP	D.L.
.....	.....	.....

NOTE

Pilastri 1-2-3

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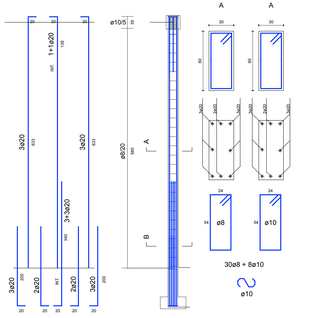

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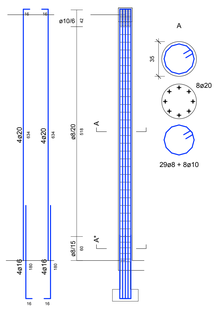

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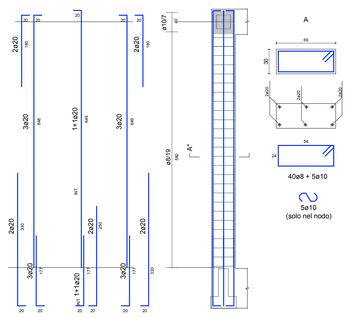

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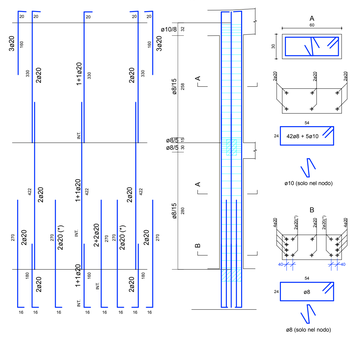

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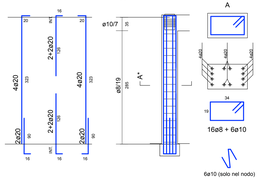

Pilastri 10-14

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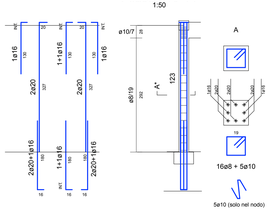

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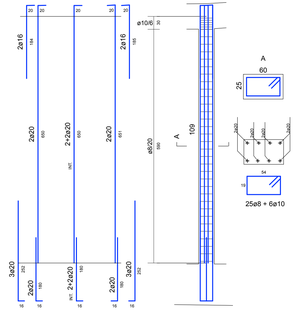

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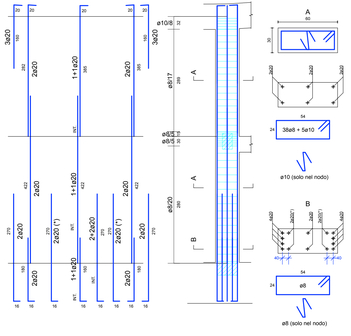

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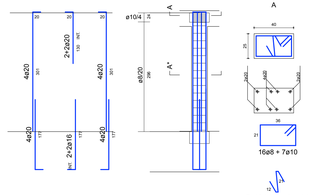

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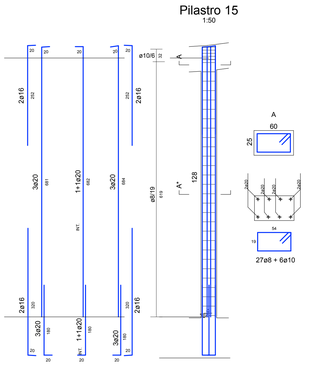

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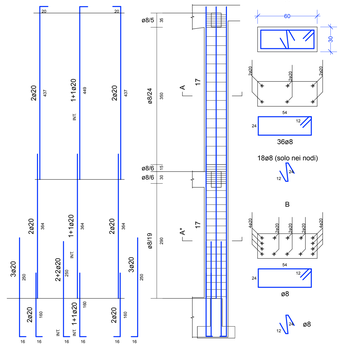

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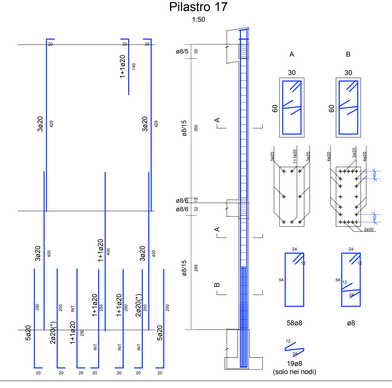

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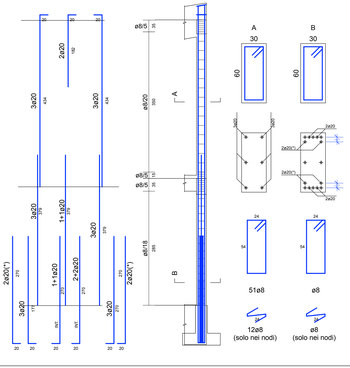

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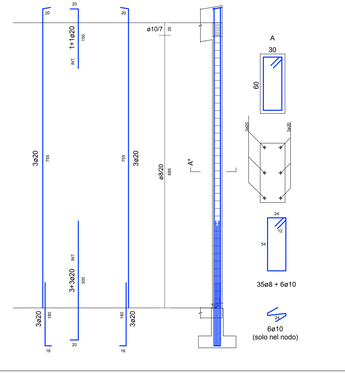

Pilastro 22

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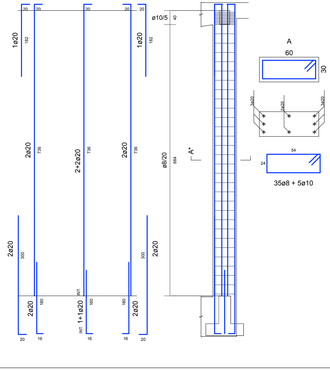

Calcestruzzo per cemento armato

UNI EN 201-1 e UNI 11104

Elementi Strutturali	Classe Resist.	f_{ck} (MPa)	E (MPa)	Condizioni Ambientali		ϕ inerte (mm)	Dosaggio min. cem. (Kg)	Slump	C_{min} (mm)
Sottofondazioni	**C 12/15**	**12**	**---**	**ordinarie**	**X0**	**---**	**---**	**---**	**---**
Opere di fondazione: plinti, travi rovesce, pareti, muri a retta, platee, cordoli	**C 28/35**	**28**	**32580**	**ordinarie**	**XC2**	**25-40 15-20**	**300**	**S4**	**35**
Opere in elevazione: travi, pilastri, solai, pareti, setti, scale, gronde, parapetti	**C 32/40**	**32**	**33640**	**ordinarie**	**XC1**	**15-20**	**300**	**S4**	**30**

Acciaio per C.A.

Elementi Strutturali	Classe Resist.	f_{yk} (MPa)	Condizioni Ambientali		Parametri Generali
Opere di fondazione: plinti, travi rovesce, pareti, muri a retta, platee, cordoli	**B450C**	**450**	**ordinarie**	**XC2**	**f_{tk} ≥ $f_{t\,nom}$ = 540 N/mmq 1,15 ≤ (f_t /f_y)$_k$ < 1,35**
Opere in elevazione: travi, pilastri, solai, pareti, setti, scale, gronde, parapetti	**B450C**	**450**	**ordinarie**	**XC1**	**(f_y /f_y $_{nom}$)$_k$ ≤ 1,25 (A_{gt})$_k$ ≥ 7,5 %**
Reti Elettrosaldate	**B450A**	**450**	**ordinarie**	**XC1**	**f_{tk} ≥ $f_{t\,nom}$ = 540 N/mmq (f_t /f_y)$_k$ ≥ 1,05 (f_y /f_y $_{nom}$)$_k$ ≤ 1,25 (A_{gt})$_k$ ≥ 2,5 %**

Acciaio per carpenteria

Elementi Strutturali	Classe Resist.	f_{yk} (MPa)	Classe sez.	Condizioni Ambientali	
in elevazione	**S275**	**275**	**1**	**ordinarie**	**XC1**

Giunti saldati: cordone d'angolo e testa a testa a = 6 mm - 4,24 mm
Giunti bullonati: viti classe 5.6 e dadi classe 5

Legno Lamellare

Elementi Strutturali	Classe di LL.	Valori di Resist.	Classe di servizio	Specie legnosa	Resistenza al fuoco
copertura	**GL24h GL28h**	**EN 1194**	**1 2**	**PCAB ABAL LADC**	**R60**