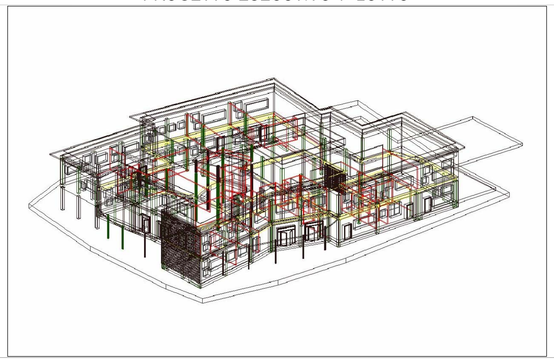
COMUNE DI PRATO

COMPLESSO SCOLASTICO DI CAFAGGIO

REALIZZAZIONE DI NUOVA SCUOLA ELEMENTARE PER 15 AULE

PROGETTO ESECUTIVO 1° LOTTO



Assessore Lavori Pubblici	Enrico Giardi
Il Dirigente Servizio Edilizia Pubblica	ing. Paolo Bartalini
Progetto	arch. Francesco Procopio
Progetto strutturale	ing. Claudio Consorti
	via F. Ferrucci 232 - Prato
collaboratori	ing. Damiano Bigagli ing. Emanuele Del Monte ing. Mario Maio ing. Barbara Ortolani

Descrizione tavola **SCALA DI SICUREZZA**
PIANTE
PROSPETTO
CARPENTERIA FONDAZIONI

Scala 1:25

S31

DATA Gennaio 2007

PRESCRIZIONI SUI MATERIALI	
Calcestruzzo	C 25/30
Acciaio armature per opere in c.a.	B450C
Acciaio per carpenteria metallica	EN 10025-2 - S275JR per laminati a caldo EN 10025-2 - S275JR per profilati cavi
Acciaio lamiera grecata	S 280 GD
Collegamenti saldati	saldature a completa penetrazione di classe I
Collegamenti bullonati	bulloni classe 8.8 (UNI EN ISO 898) dadi classe 8 (UNI EN 20898) rosette UNI EN 10083
Malta cementizia a ritiro compensato	tipo EMACO S88

LEGENDA SIMBOLI	
▷A	Saldatura a cordone d'angolo su un lato, A = altezza della sezione di gola in mm
▷◁AxA	Saldatura a cordone d'angolo su due lati, A = altezza delle sezioni di gola in mm
+0.00	Quota finito in prospetto in metri
+0.00	Quota finito in pianta in metri

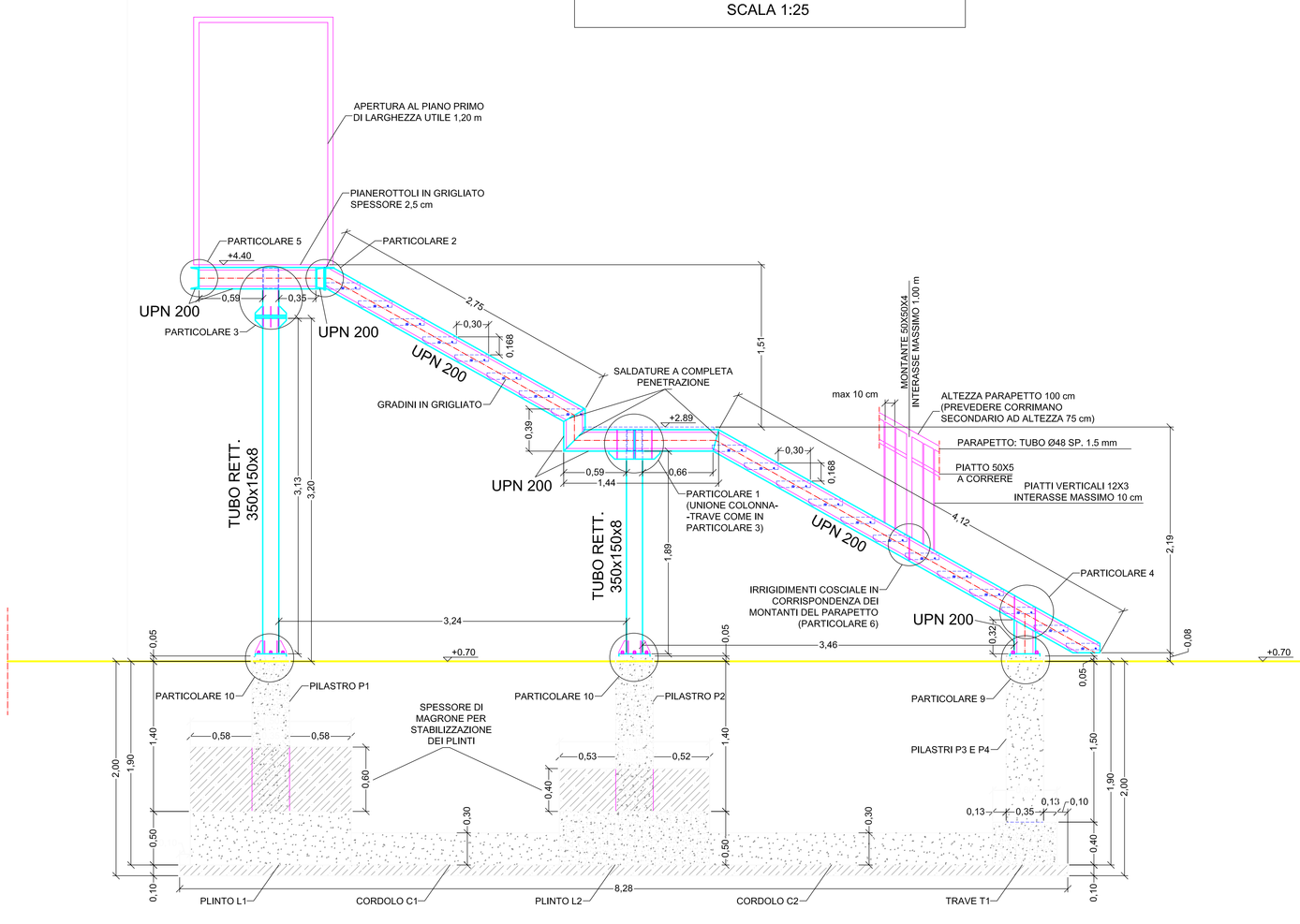
RIEPILOGO GEOMETRIA SCALA

Piano o pianerottolo	Quota	Rampa (partenza e sbarco)	Dislivello rampa	Numero di alzate	Alzata	Numero pedate	Pedata	Lunghezza * singola rampa
--	m	--	m	--	cm	--	cm	m
P0	0.7							
PN	2.8864	P0-->PN	2.186	13	16.818	12	30	3.600
P1	4.4	PN-->P1	1.514	9	16.818	8	30	2.400
Totali			3.700	22		20		

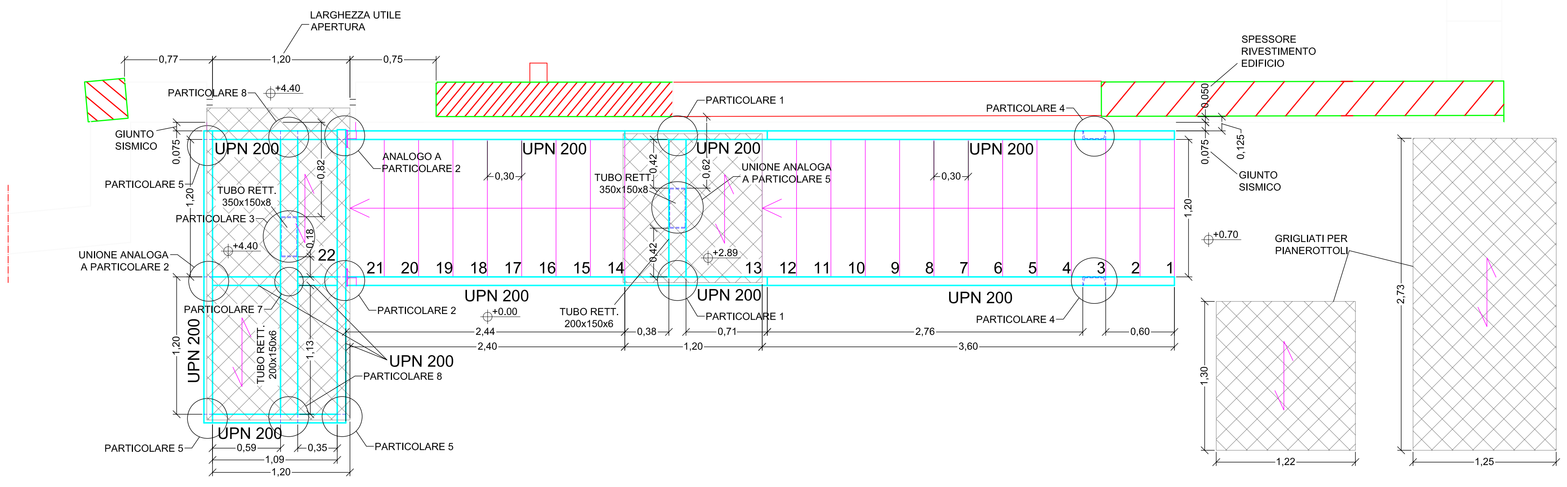
* distanza (in pianta) tra prima e ultima alzata

N.B. P0=piano terra PN=pianerottolo P1=piano primo

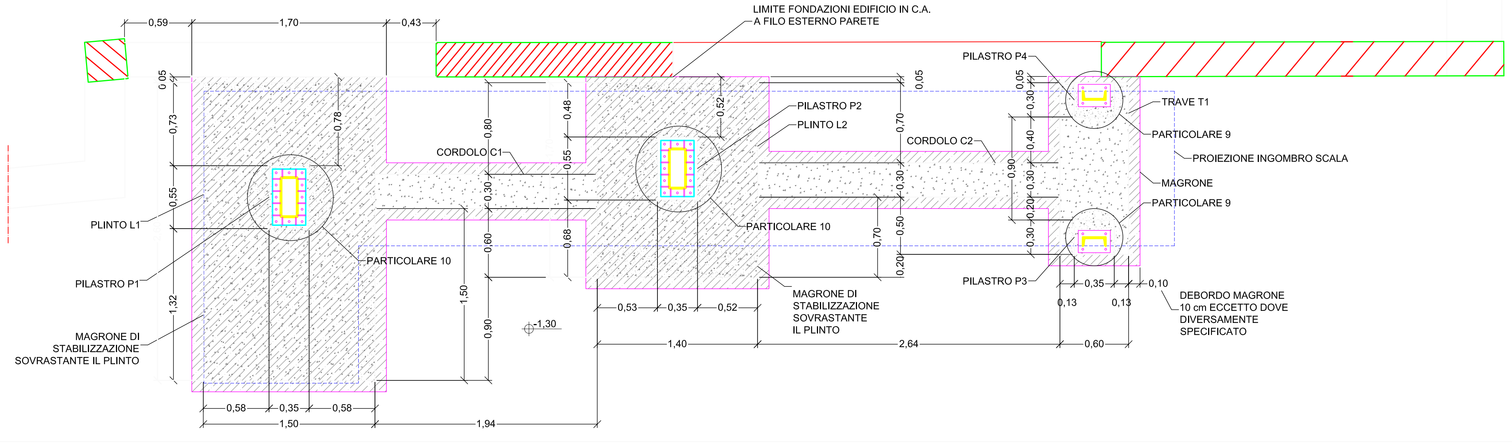
PROSPETTO STRUTTURA
SCALA 1:25



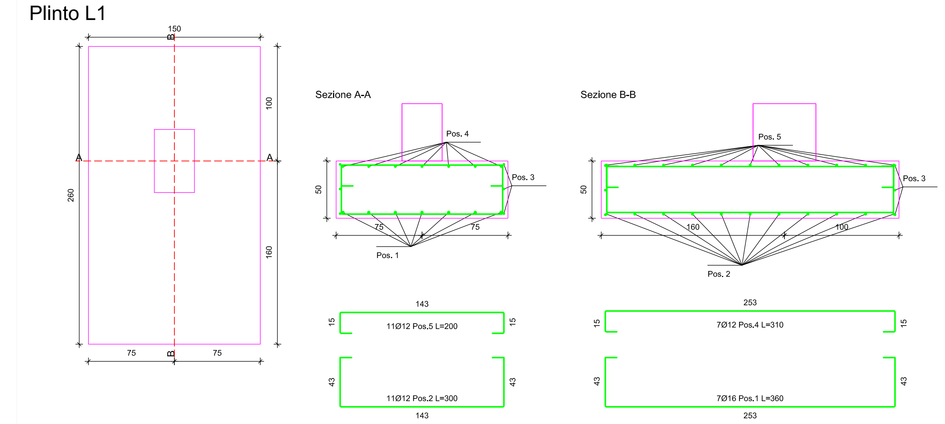
PIANTA STRUTTURA IN ELEVAZIONE
SCALA 1:25



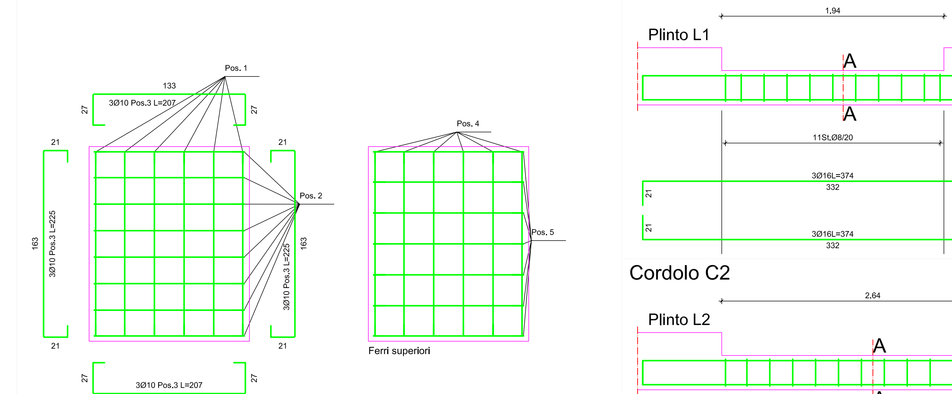
PIANTA FONDAZIONI
SCALA 1:25



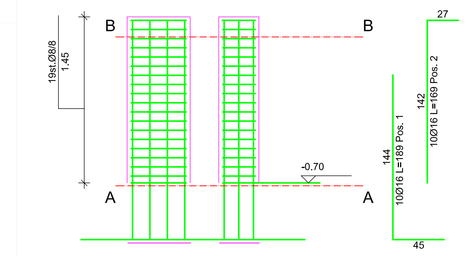
Plinto L1



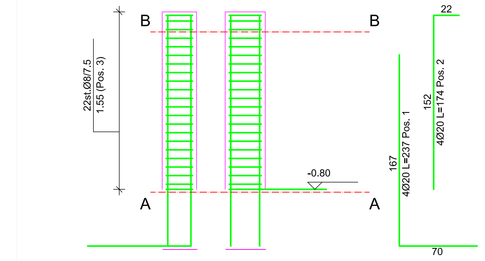
Plinto L2



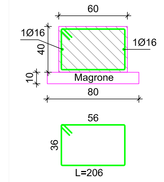
Pilastri P1 e P2



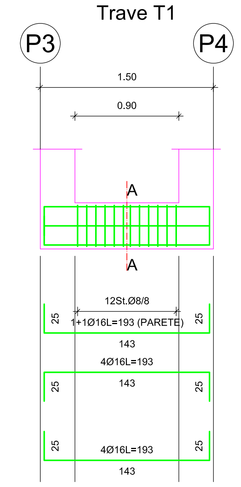
Pilastri P3 e P4



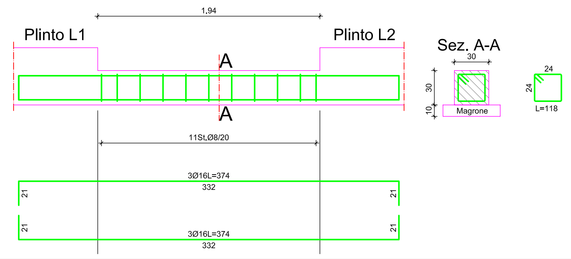
Sez. A-A



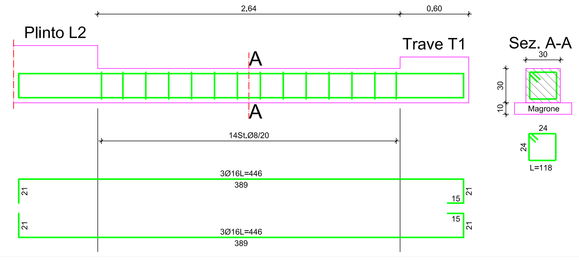
Trave T1



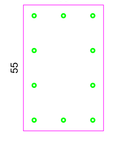
Cordolo C1



Cordolo C2

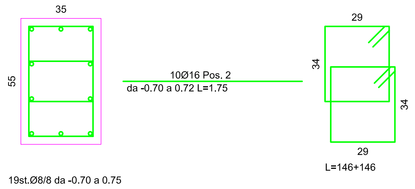


Sez. A-A

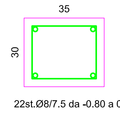


10Ø16 Pos. 1
da -1.33 a 0.36 L=1.89

Sez. B-B

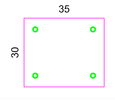


Sez. B-B



4Ø20 Pos. 2
da -0.80 a 0.72 L=1.80
22st.Ø8/7.5 da -0.80 a 0.75
L=126

Sez. A-A



4Ø20 Pos. 1
da -1.33 a 0.38 L=2.35