



CITTA' METROPOLITANA DI ROMA CAPITALE  
DIPARTIMENTO I - U.O.T. Progetti Complessi

COLLEFERRO- REALIZZAZIONE DELLA NUOVA SEDE  
DELL'ISTITUTO IPSIA "PARODI DELFINO"

PROGETTO DEFINITIVO  
Finanziato dall'Unione Europea - NextGenerationEU

STATO DI PROGETTO -  
BLOCCO E2  
PLINTI DI FONDAZIONE

TAV. ST\_13\_a

File: ST\_13.PDF

DATA  
Dicembre 2022

REV. 02

DIREZIONE DEL DIPARTIMENTO I

Rapp. 1:50  
1:20 Plot: A0

RESPONSABILE UNICO DEL  
PROCEDIMENTO:

Ing. Paolo QUATTRO

PROGETTISTI:

Ing. Stefano TRAMONTI  
Arch. Alessandro GROSSI

COLLABORATORI:

Geom. Calogero DI ROCCO  
P.E. Francesco Olivero  
Arch. Daria Marino

PROGETTISTA COORDINATORE:

Arch. Giacomo O MASTO

Altre collaborazioni:

Arch. F. Pellicanò

TABELLA MATERIALI Con riferimento D.M. 20.02.18 (Norme Tecniche per le costruzioni)

CALCESTRUZZO	Classe di resistenza dei materiali (D.M.20.02.18)				Classe di esposizione (UNI EN 206-2)				Classe di consistenza (UNI 12550-2)				Copertura (mm)	Diametro massimo (mm)	Rapporto massimo acqua-cemento
	C15/10	C18/15	C20/17	C25/20	XC1	XC2	XC3	XCA	S1	S2	S3	S4			
Strutture di sostegno	X				X					X			45	30	0,60
Strutture in fondazione	X				X					X			60	30	0,60
Strutture in elevazione	X									45	20		45	20	0,55
Fondazioni profonde	X							X		X			60	20	0,40

ACCIAIO PER ARMATURA LENTA		Classe di resistenza dei materiali (D.M.20.02.18)				Trattamenti superficiali	
		B450C	B450A	B550C	B550A	Interruggine	Interruggine
Cottitura	X					Interruggine	Interruggine
Perforazioni	X					Interruggine	Interruggine
Piaccaggio	X					Interruggine	Interruggine
Traverte e rinforzi prearmati	X	X				Interruggine	Interruggine

RESINE E BOIACCHE	Descrizione
Resine per ancoraggi su muratura	
Resine per ancoraggi su c.a.	
Iniezioni per consolidamento murature	
Adesivo epossidico per consolidamento volte	
Adesivo epossidico per consolidamento volte	

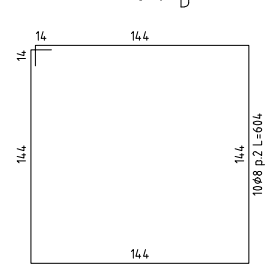
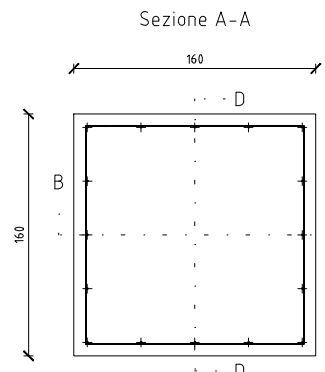
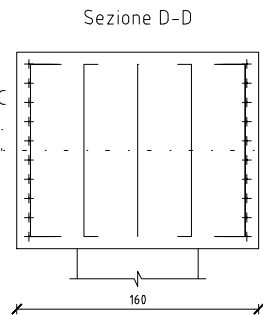
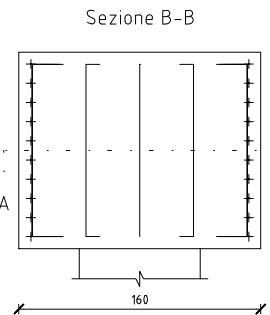
PRESCRIZIONI TECNICHE	NOTE PER SCRIPPOSIZIONI ED ANCORAGGI Ove non diversamente specificato - Sovraposizione minima Ø60 - Ancoraggi min Ø40
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ACCIAIO DA CARPENTERIA ED UNIONI		Classe di resistenza dei materiali (D.M.20.02.18)		Trattamenti superficiali	
		S235	S275	S355	Interruggine
Profilo					Interruggine

ACCIAIO DA CARPENTERIA ED UNIONI		Caratteristiche delle unioni bullonate	
		Classe	Interruggine
		B8	Interruggine
		S10	Interruggine

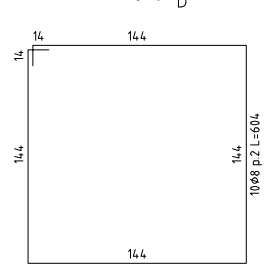
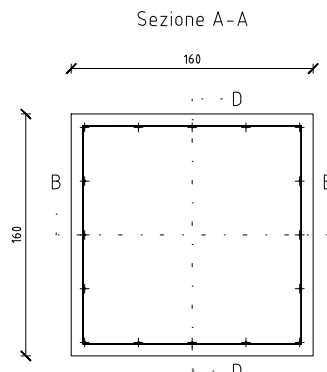
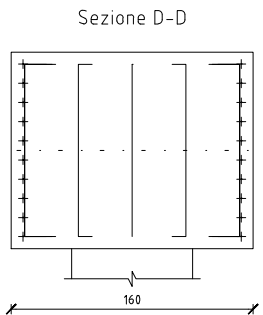
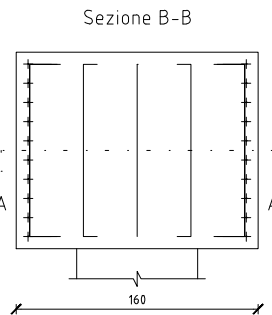
PRESCRIZIONI TECNICHE	NOTE PER SCRIPPOSIZIONI ED ANCORAGGI Ove non diversamente specificato - Sovraposizione minima Ø60 - Ancoraggi min Ø40
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Plinto su pali D6  
scala 1/25



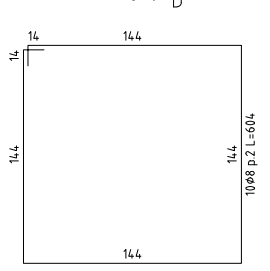
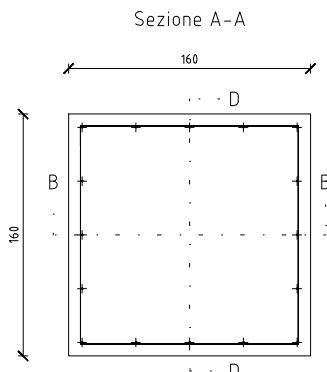
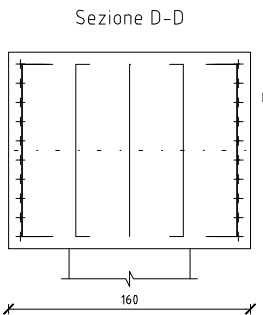
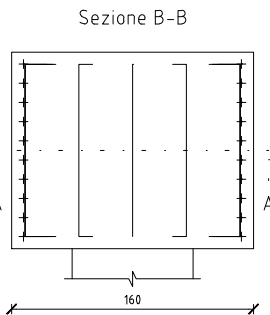
Palo Ø80 ricoprimento L0

Plinto su pali D7  
scala 1/25



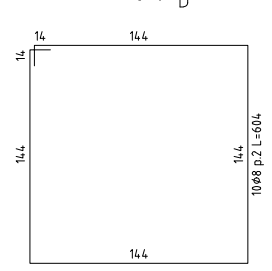
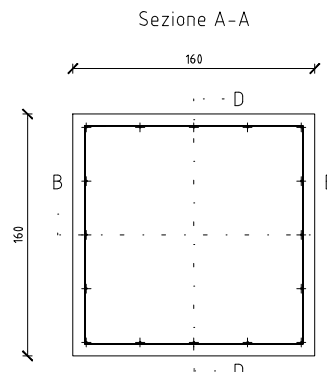
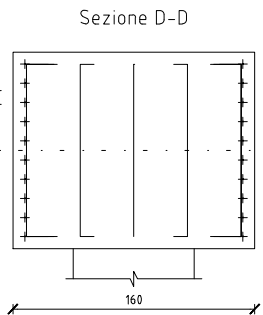
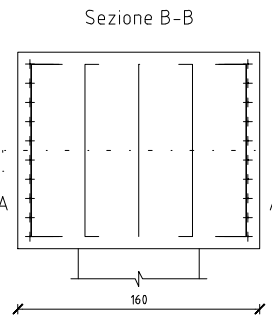
Palo Ø80 ricoprimento L1

Plinto su pali D8  
scala 1/25



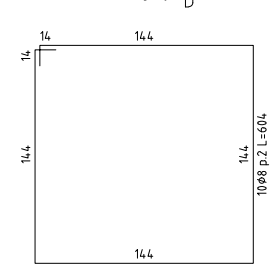
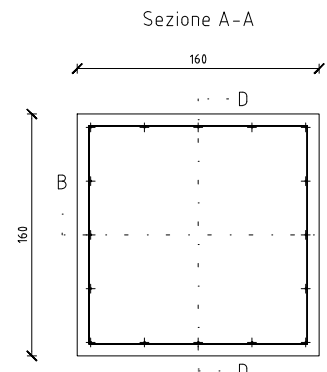
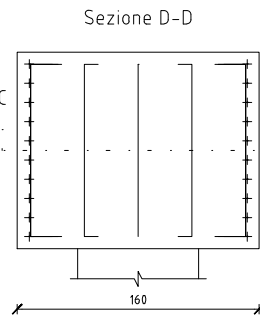
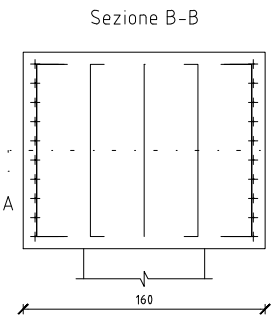
Palo Ø80 ricoprimento L1

Plinto su pali D9  
scala 1/25



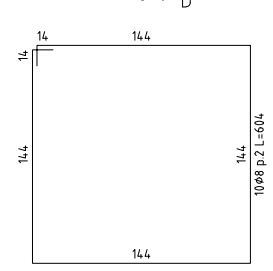
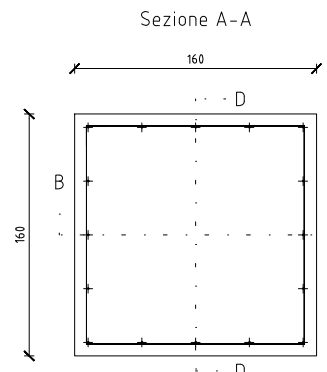
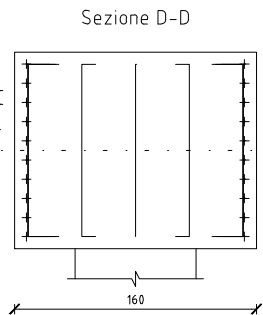
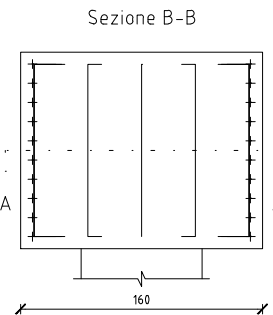
Palo Ø80 ricoprimento L1

Plinto su pali E6  
scala 1/25



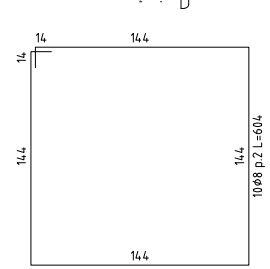
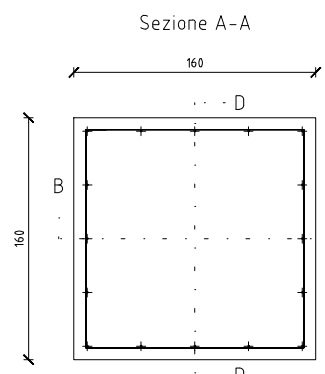
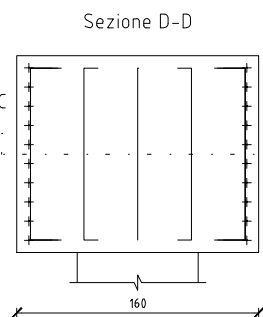
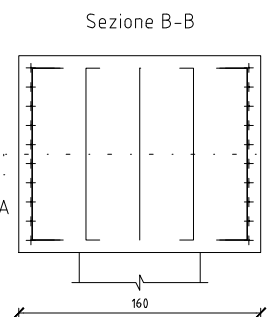
Palo Ø80 ricoprimento L1

Plinto su pali E7  
scala 1/25



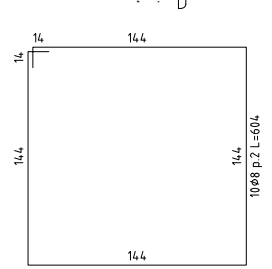
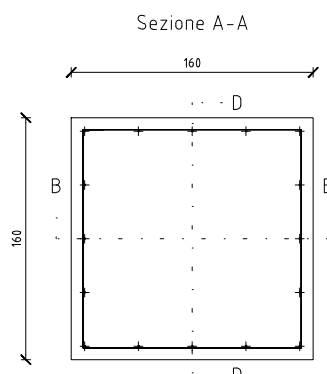
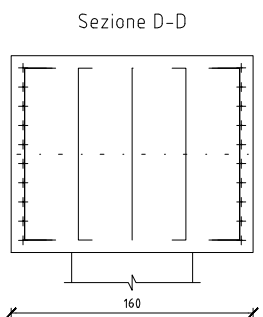
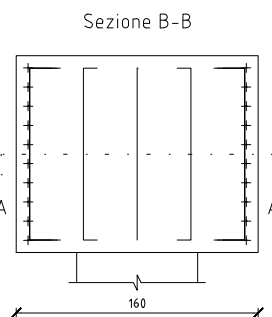
Palo Ø80 ricoprimento L1

Plinto su pali E8  
scala 1/25



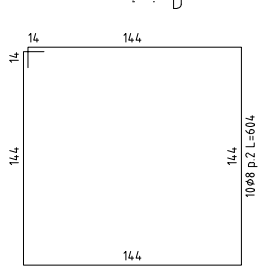
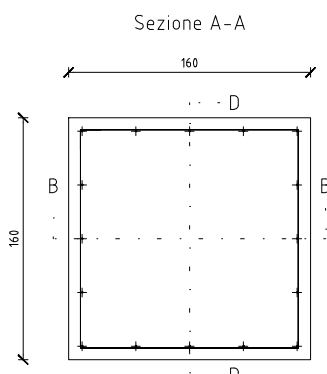
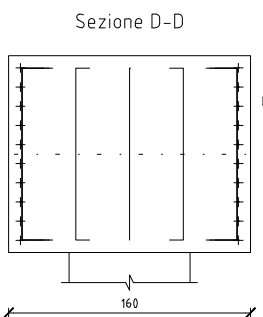
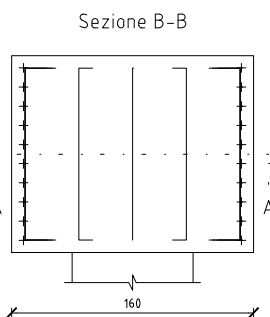
Palo Ø80 ricoprimento L0

Plinto su pali E9  
scala 1/25



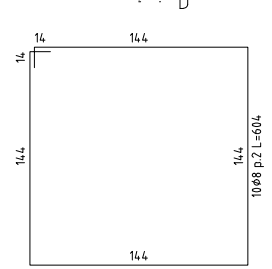
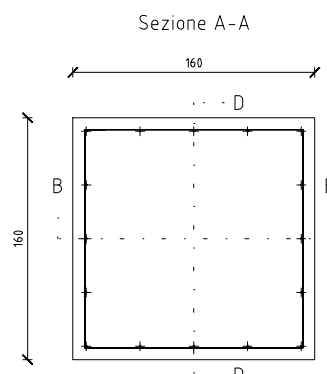
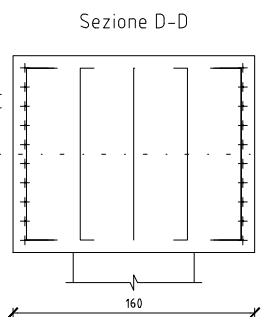
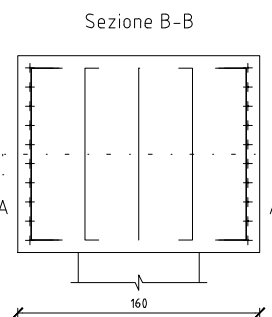
Palo Ø80 ricoprimento L1

Plinto su pali F6  
scala 1/25



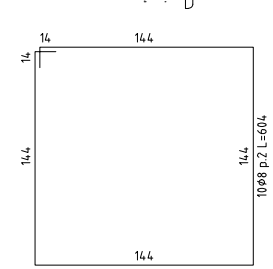
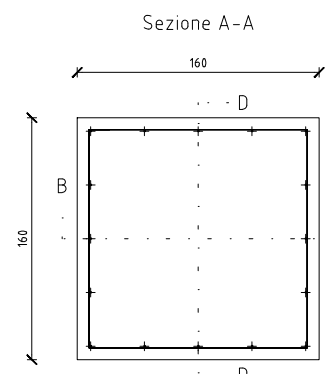
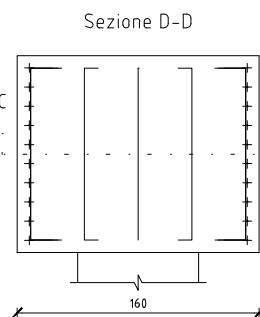
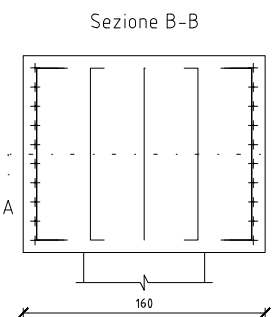
Palo Ø80 ricoprimento L1

Plinto su pali F7  
scala 1/25



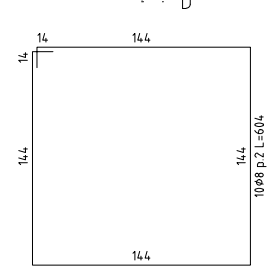
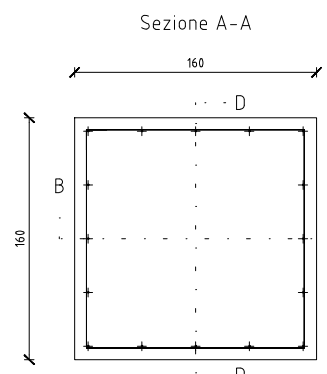
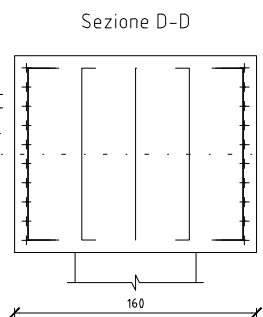
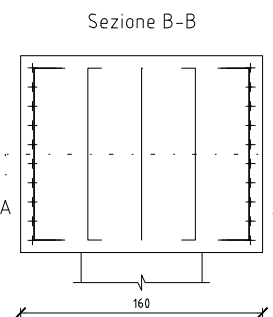
Palo Ø80 ricoprimento L1

Plinto su pali F8  
scala 1/25



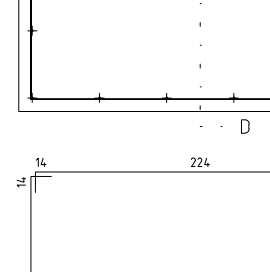
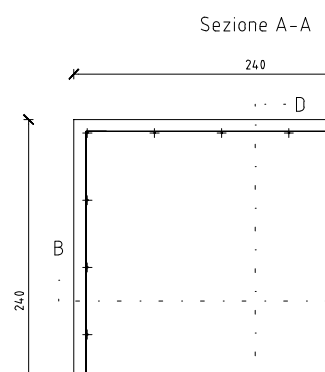
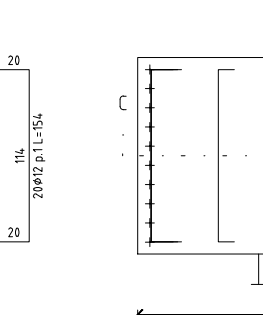
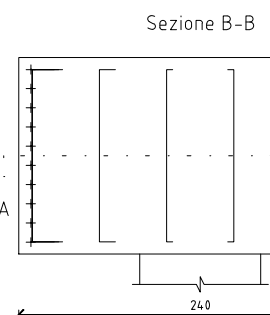
Palo Ø80 ricoprimento L1

Plinto su pali F9  
scala 1/25



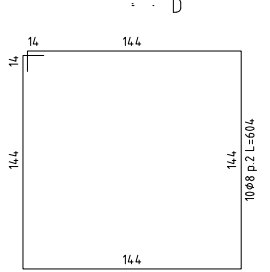
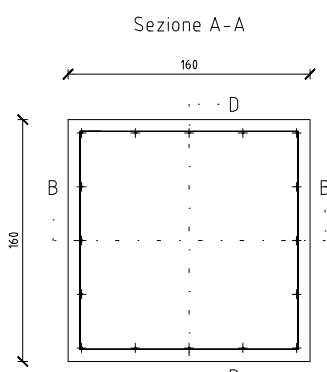
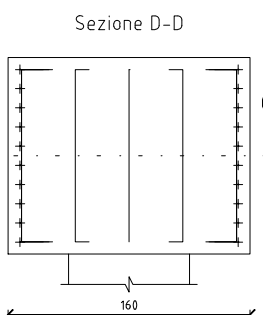
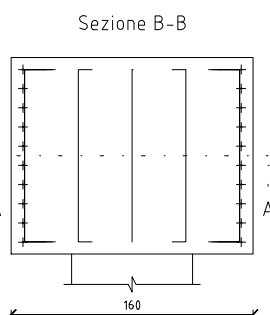
Palo Ø80 ricoprimento L1

Plinto su pali H6  
scala 1/25



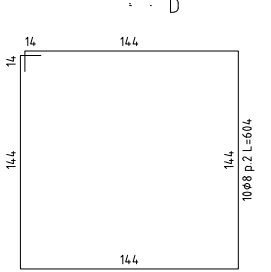
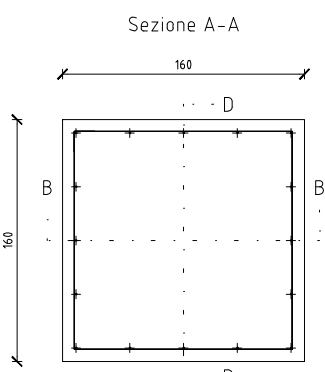
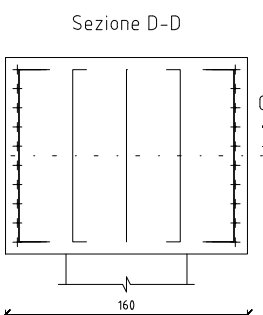
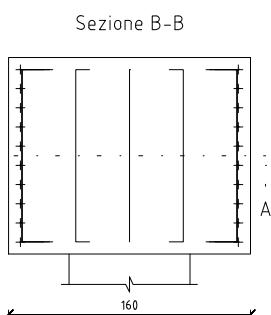
Palo Ø80 ricoprimento L3

Plinto su pali H7  
scala 1/25



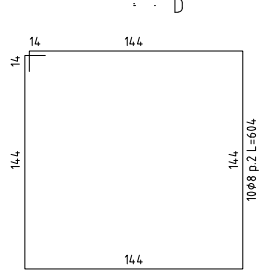
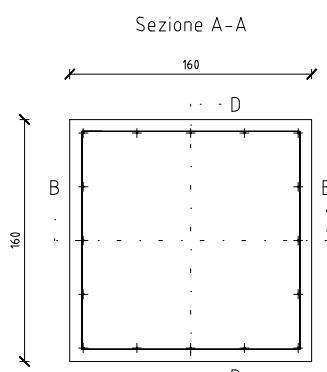
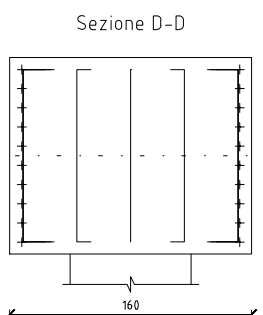
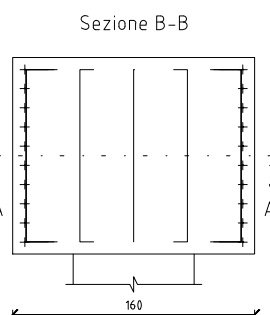
Palo Ø80 ricoprimento L3

Plinto su pali H8  
scala 1/25



Palo Ø80 ricoprimento L3

Plinto su pali H9  
scala 1/25



Palo Ø80 ricoprimento L3



CITTA' METROPOLITANA DI ROMA CAPITALE

DIPARTIMENTO I - U.O.T. Progetti Complessi

COLLEFERRO- REALIZZAZIONE DELLA NUOVA SEDE DELL'ISTITUTO IPSIA "PARODI DELFINO"



PROGETTO DEFINITIVO

Finanziato dall'Unione Europea - NextGenerationEU

STATO DI PROGETTO -  
BLOCCO E2  
PLINTI DI FONDAZIONE

TAV. ST\_13\_b

File: ST\_13.PDF

DATA  
Dicembre 2022

REV. 02

DIREZIONE DEL DIPARTIMENTO I

Rapp.: 1:50  
1:20

Plot: A0

RESPONSABILE UNICO DEL PROCEDIMENTO:

Ing. Paolo QUATTRO

PROGETTISTA COORDINATORE:

Arch. Giovanni O MASTO

PROGETTISTI:

Ing. Stefano TRAMONTI  
Arch. Alessandro GIGLI  
P.E. Francesco Olivero  
Arch. Daria Marino

COLLABORATORI:

Geom. Calogero DI ROCCO  
P.E. Francesco Olivero  
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Altre collaborazioni:

Arch. F. Pellicanò

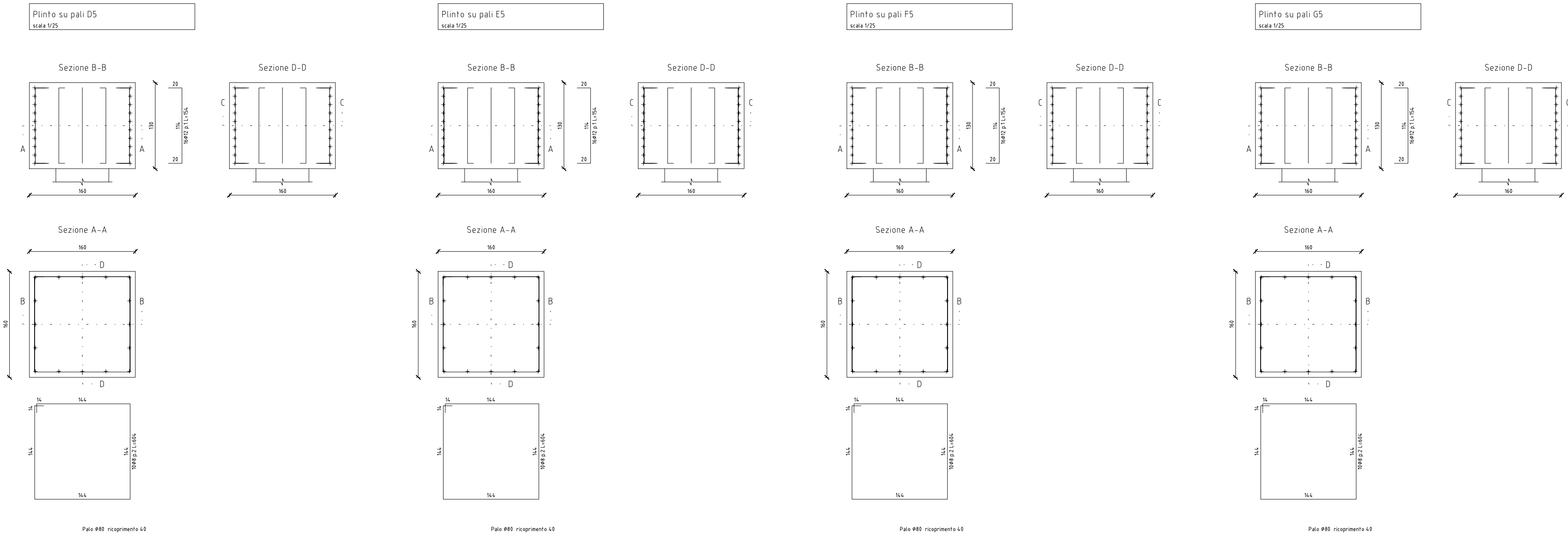


TABELLA MATERIALI Con riferimento D.M. 20.02.18 (Norme Tecniche per le costruzioni)

CALCESTRUZZO	Classe di resistenza dei materiali (D.M.20.02.18)				Classe di esposizione (UNI EN 206-1)				Classe di consistenza (UNI 12550-2)				Copertura (mm)	Diametro massimo (mm)	Rapporto massimo acqua-cemento
	C15/10	C18/15	C19/17	C20/10	XC1	XC2	XC3	XA1	S1	S2	S3	S4			
Strutture di sostegno	X				X					X			45	30	0.60
Strutture in fondazione	X				X					X			60	30	0.60
Strutture in elevazione	X					X					X		45	20	0.55
Fondazioni profonde	X						X			X			60	20	0.40

ACCIAIO PER ARMATURA LENTA	Classe di resistenza dei materiali (D.M.20.02.18)				Trattamenti superficiali			
	B450C	B450A	B55C205	Reinva®	Reinva®	Reinva®	Reinva®	Reinva®
Catodiche	X			polimerica	polimerica	X		
Perforazioni	X			polimerica	polimerica	X		
Paccaggio	X			polimerica	polimerica	X		
Tratti e rinforzi penetranti		X		polimerica	polimerica		X	

ACCIAIO DA CARPENTERIA ED UNIONI	Classe di resistenza dei materiali (D.M.20.02.18)			
	S235	S275	S355	Reinva®
Profilo	X			

ACCIAIO DA CARPENTERIA ED UNIONI	Caratteristiche delle unioni bullonate			
	Classe	Reinva®	Reinva®	Reinva®
B8	polimerica	polimerica		
S10	polimerica	polimerica		

PRESCRIZIONI TECNICHE	NOTE PER SCRIPROPOSIZIONI ED ANCORAGGI Ove non diversamente specificato - Sovrapposizione minima Ø60 - Ancoraggi min Ø40

PRESCRIZIONI TECNICHE	1) Prima dell'inizio delle lavorazioni, tutte le misure riportate nel disegno dovranno essere verificate in opera a cura del costruttore. 2) Segnalatore e tenuta a predisporre alla DL, per approssimazione gli elaborati di officina di tutti gli elementi strutturali, nodi e giunti, evidenziando le eventuali interferenze tra gli elementi strutturali e tra questi ed altri elementi utili di finitura.