



**CITTÀ di CANNETO sull'OGLIO**

**UFFICIO TECNICO**

**Regione Lombardia**



**Finanziato dall'Unione Europea NextGenerationEU**

DGR CASA e HOUSING SOCIALE - D.d.u.o. 22 ottobre 2021 - n. 14210 - Fondo complementare al Piano Nazionale di Ripresa e Resilienza: programma "Sicuro, verde e sociale: riqualificazione dell'edilizia residenziale pubblica" (art.1, co. 2, lett. c, punto 13 del DL 59/2021 convertito con modificazioni nella L.101/2021)



**Committente:**

**COMUNE DI CANNETO S/OGLIO**  
**Ufficio Tecnico-Settore Lavori Pubblici**  
**Piazza Matteotti n.1**

**Progetto :**

**RIQUALIFICAZIONE EDILIZIA RESIDENZIALE PUBBLICA**  
**LAVORI DI DEMOLIZIONE E RICOSTRUZIONE DEL COMPLESSO ERP**  
**DENOMINATO "CASE ROSSE" in via G. MARCONI**  
**CUP n° H29J21010610001**

**VARIANTE N.1**  
**PROGETTO DEFINITIVO-ESECUTIVO**

**Responsabile Unico del Procedimento:**

**Geom.**  
**Daniele Somenzi**

**Elaborato:**

**PARTICOLARI COSTRUTTIVI**

**Scala:**  
**varie**

**Data:**  
**OTTOBRE 2022**

**Progettista:**

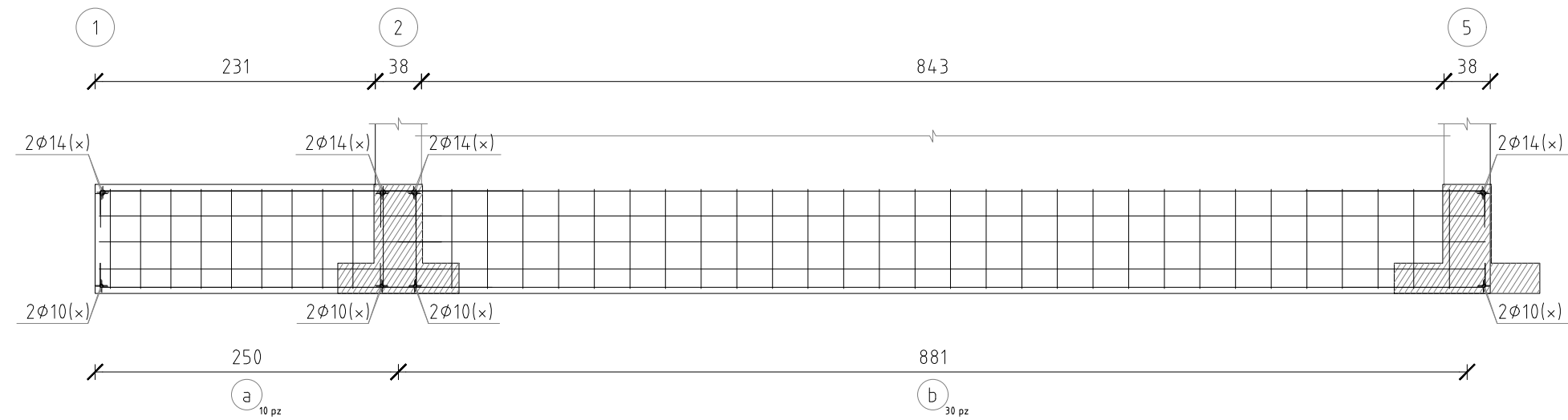
 **ARCHITETTO**  
**CRISTIANO GUERNIERI**  
Via Principe. Amedeo n° 23 - 46100 MANTOVA  
C.F.:GRNCST67P25E897S P.I.: 01757390206

**Collaboratori:**

**Allegato:**

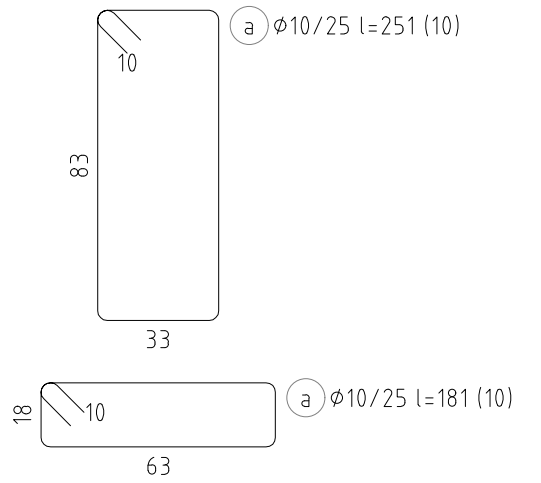
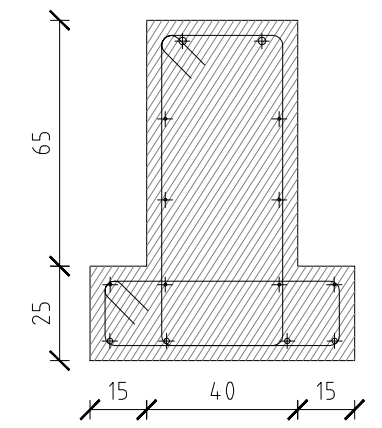
**G.8**

Trave di fondazione a "Fondaz(-10)" 1-5  
scala 1/50

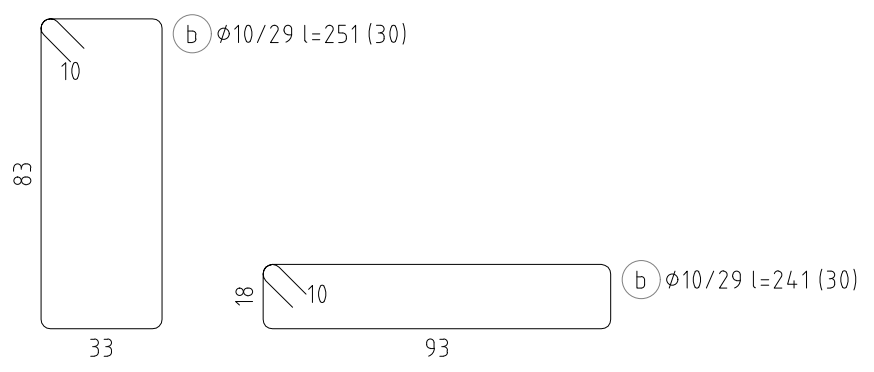
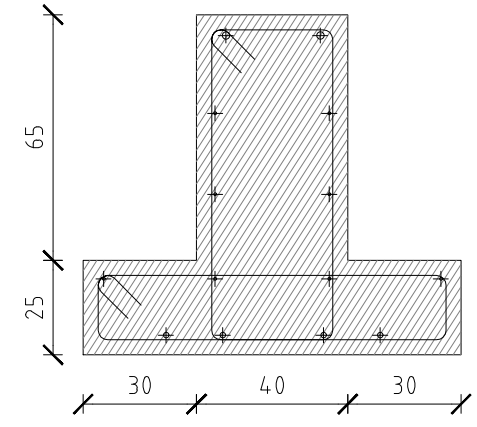


superiori	2Ø20 p.1 L=313 260	2Ø20 p.2 L=963 910	2Ø16 p.6 L=166 148
	2Ø14 p.5 L=366 348		
intermedi	2Ø8 p.11 L=282 228	2Ø8 p.14 L=896 896	
	2Ø8 p.10 L=282 228	2Ø8 p.13 L=896 896	
	4Ø8 p.9 L=282 228	4Ø8 p.12 L=896 896	
inferiori	4Ø14 p.3 L=297 261	4Ø14 p.4 L=947 911	3Ø14 p.8 L=135 117
	2Ø14 p.7 L=341 323		

Sezione 1-2  
scala 1/20

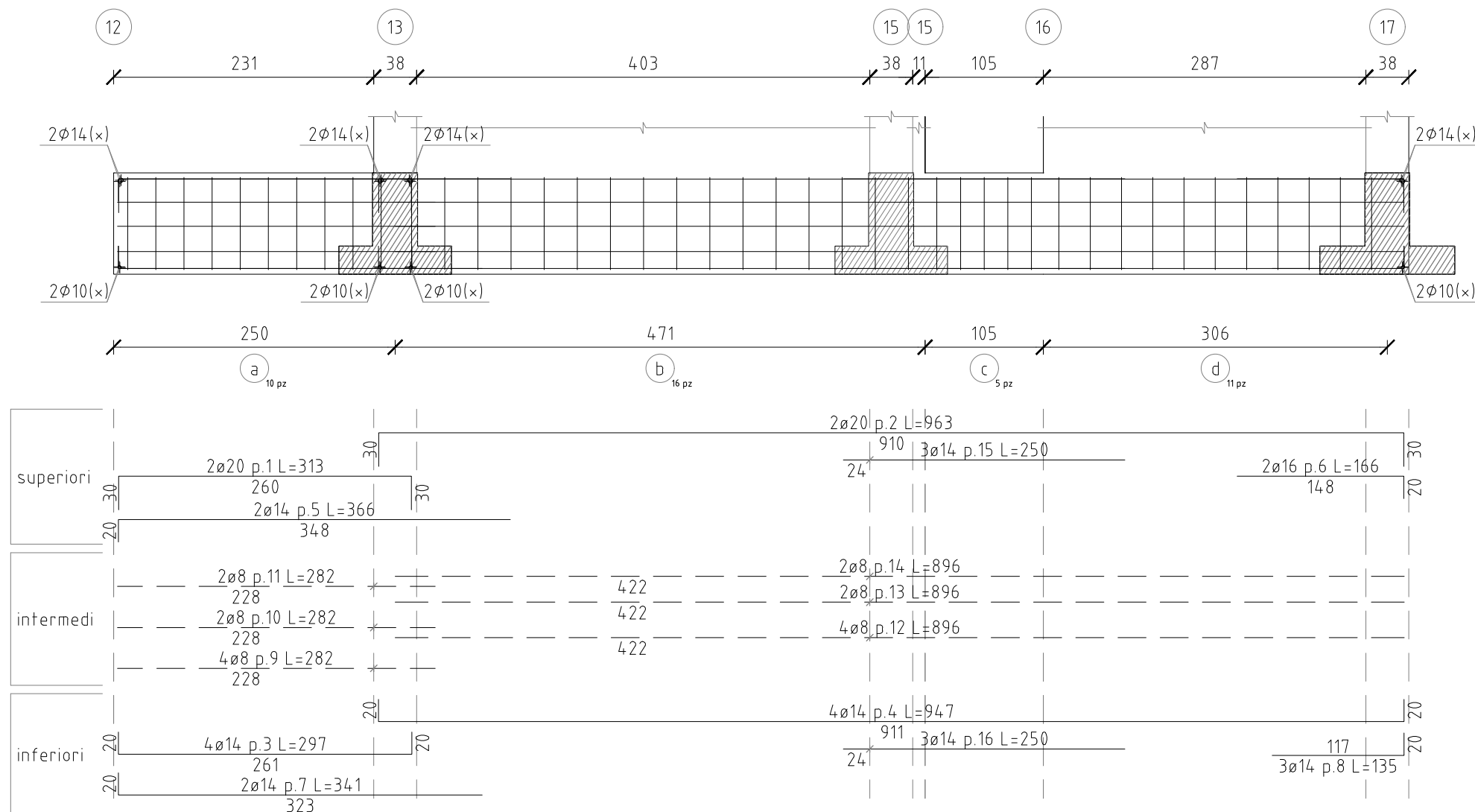


Sezione 2-5  
scala 1/20



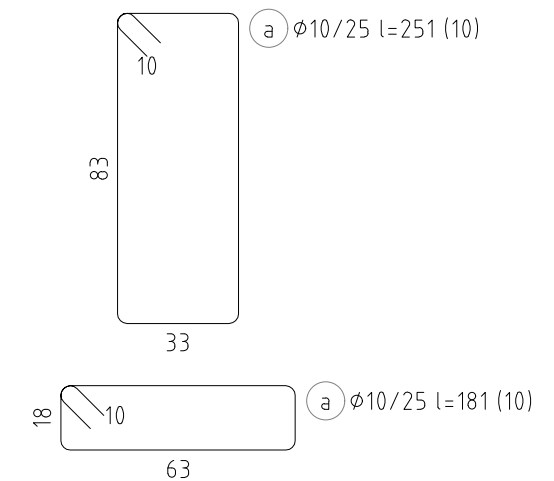
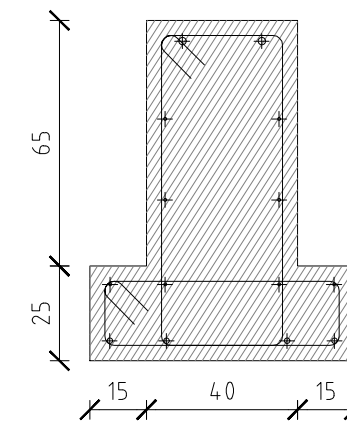
# Trave di fondazione a "Fondaz(-10)" 12-17

scala 1/50



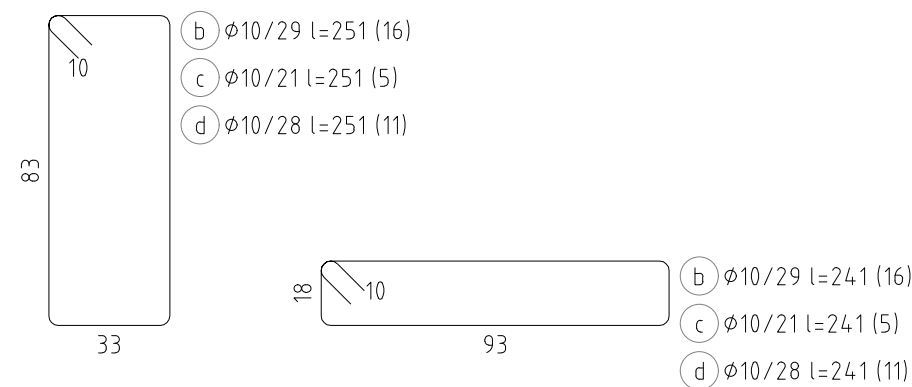
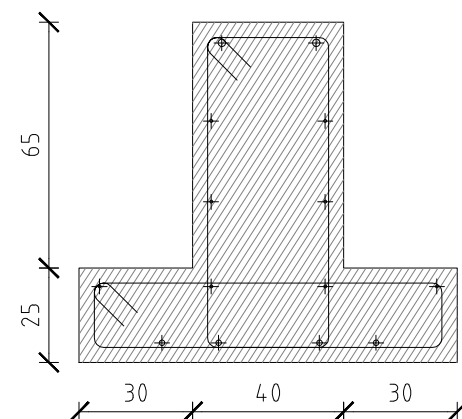
## Sezione 12-13

scala 1/20



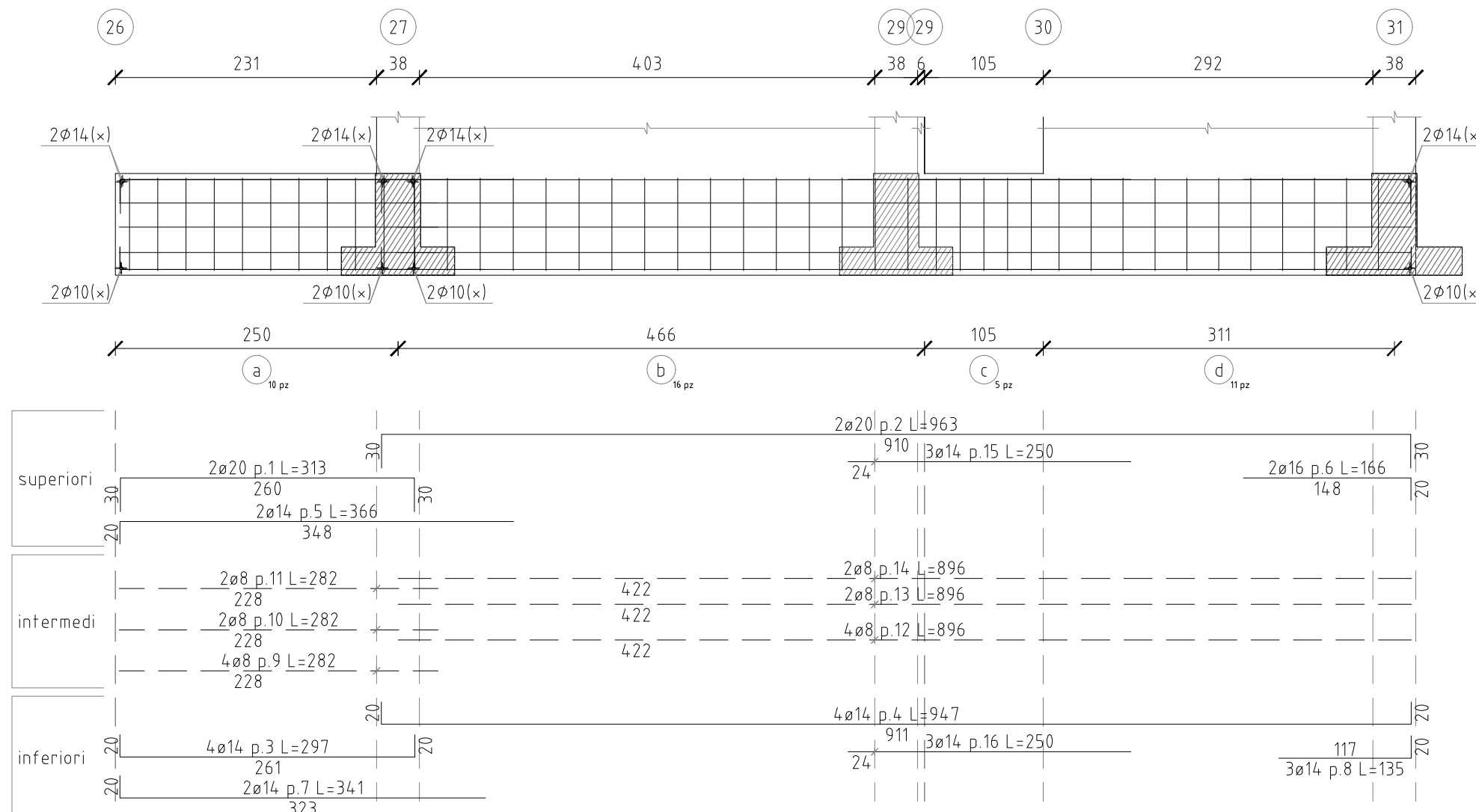
## Sezione 13-17

scala 1/20



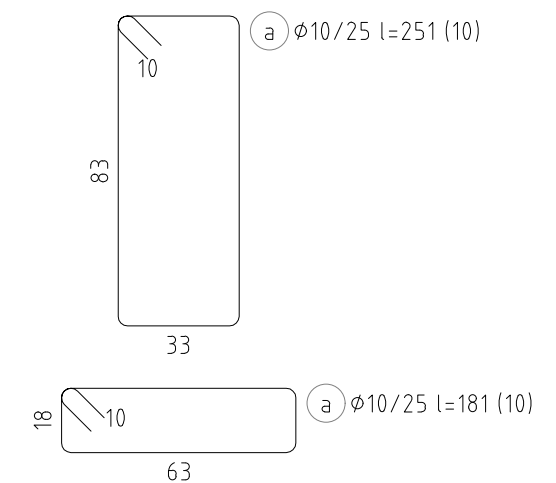
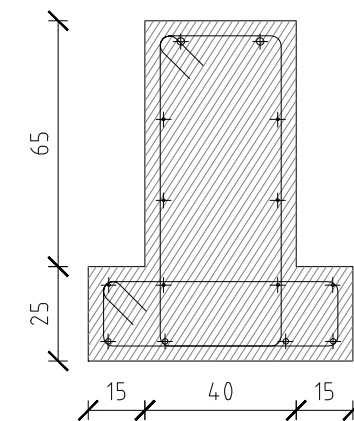
# Trave di fondazione a "Fondaz(-10)" 26-31

scala 1/50



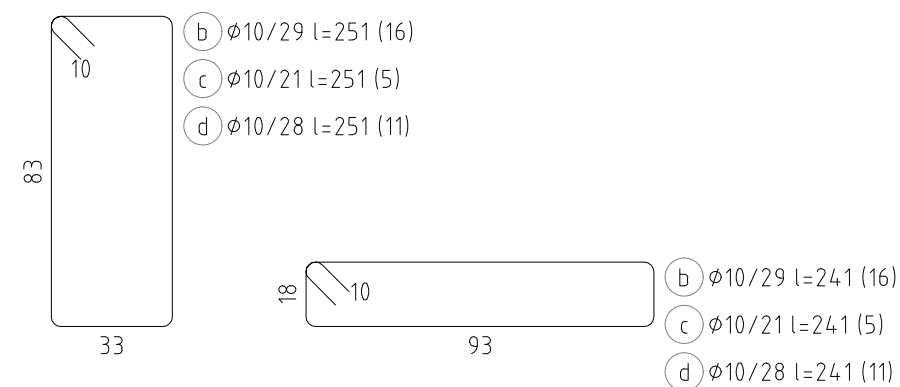
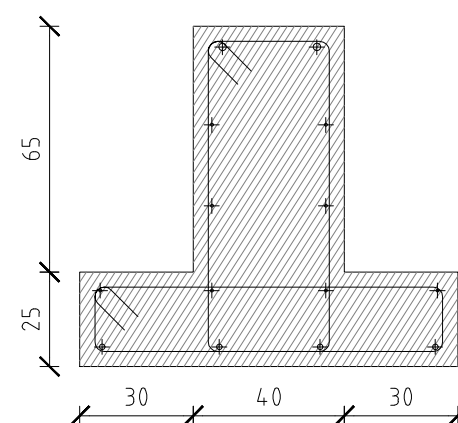
## Sezione 26-27

scala 1/20

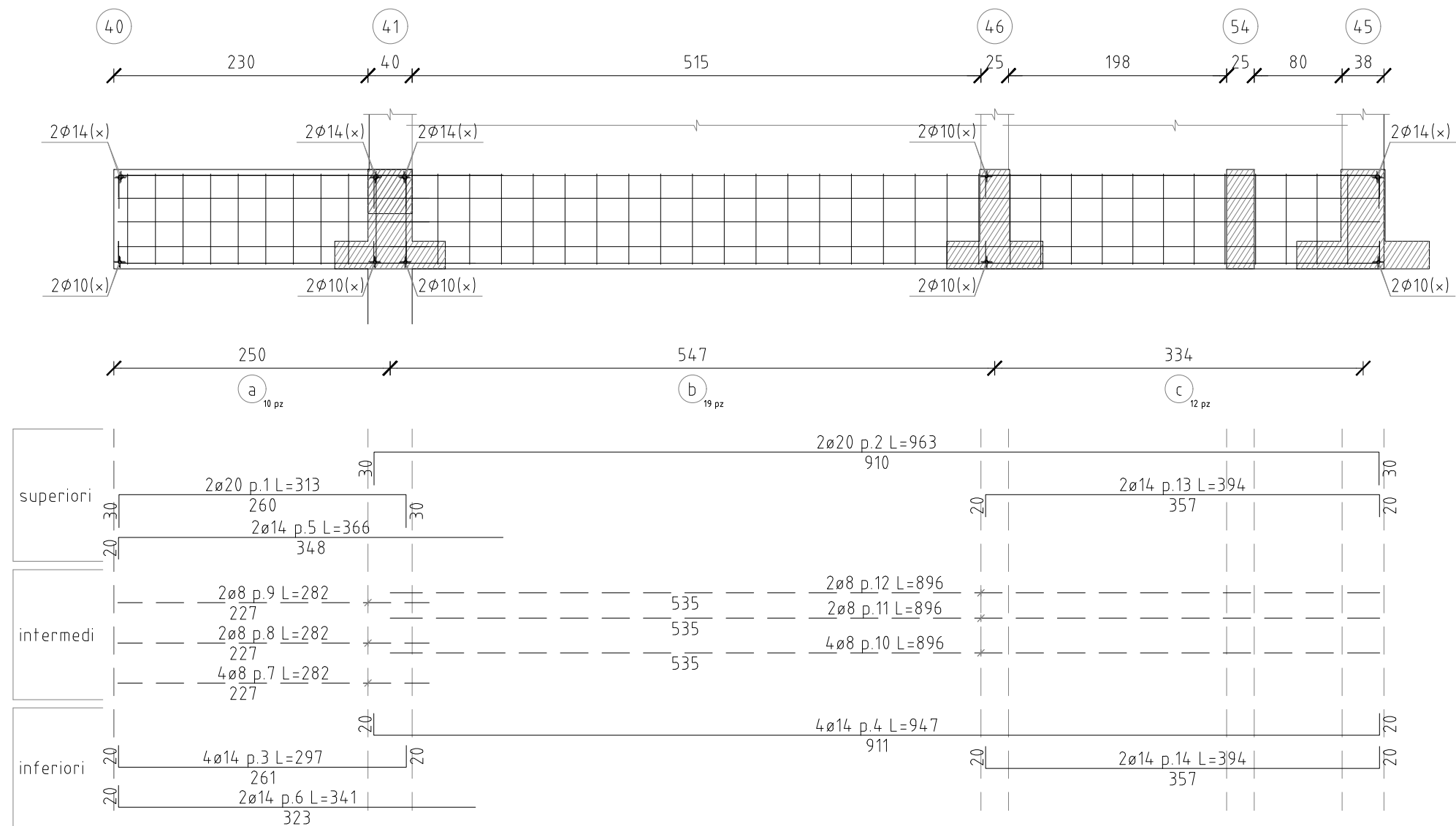


## Sezione 27-31

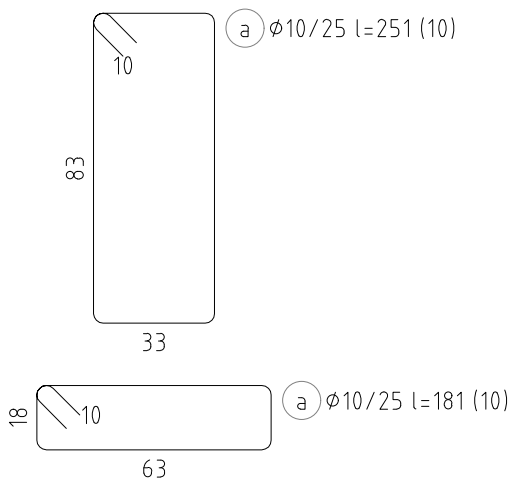
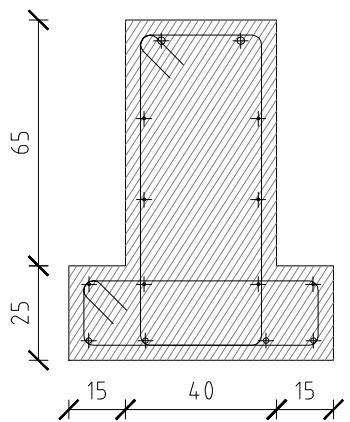
scala 1/20



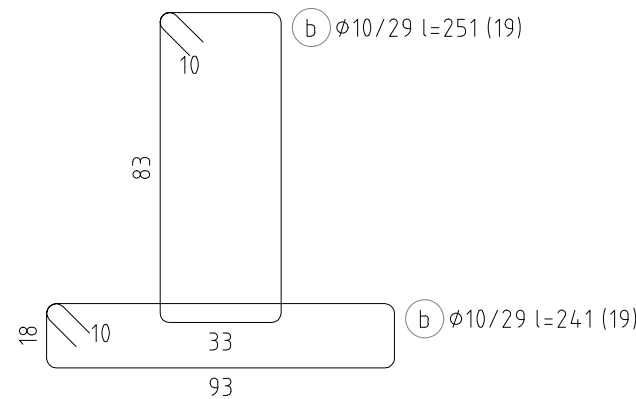
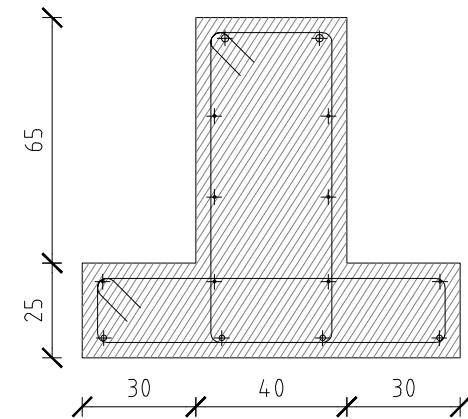
Trave di fondazione a "Fondaz(-10)" 40-45  
scala 1/50



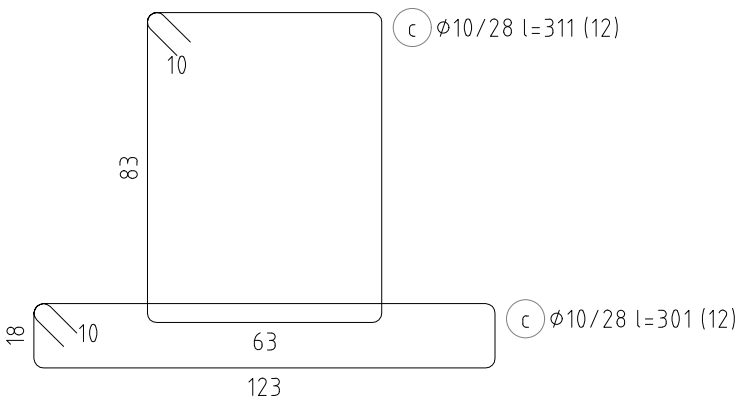
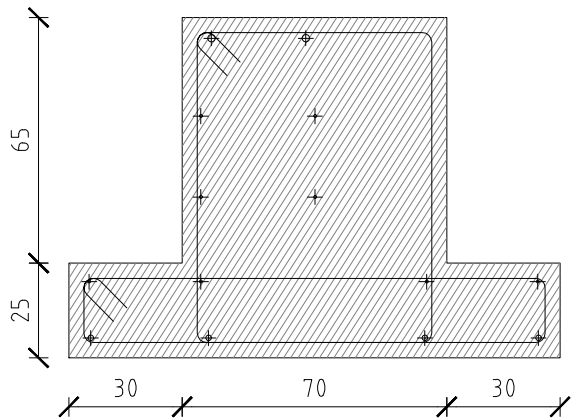
Sezione 40-41  
scala 1/20



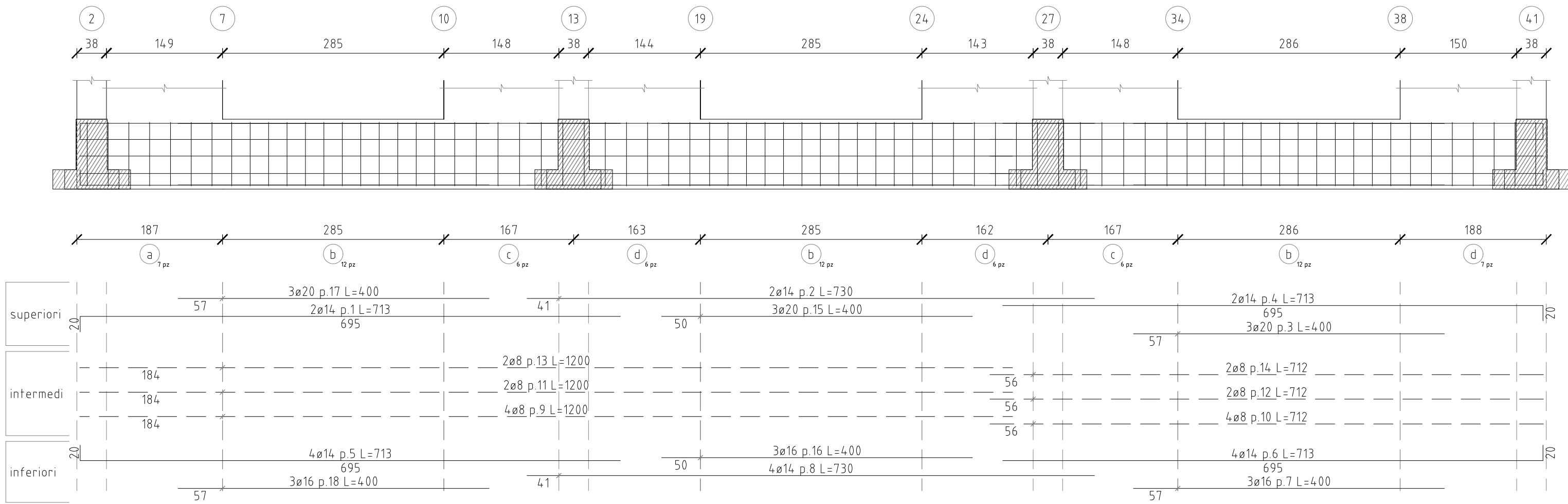
Sezione 41-46  
scala 1/20



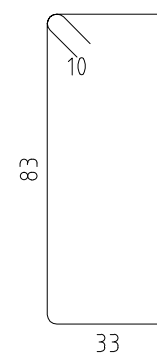
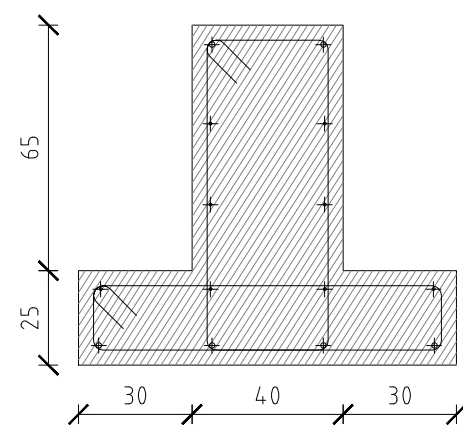
Sezione 46-45  
scala 1/20



Trave di fondazione a "Fondaz(-10)" 2-41  
scala 1/50



Sezione 2-41  
scala 1/20

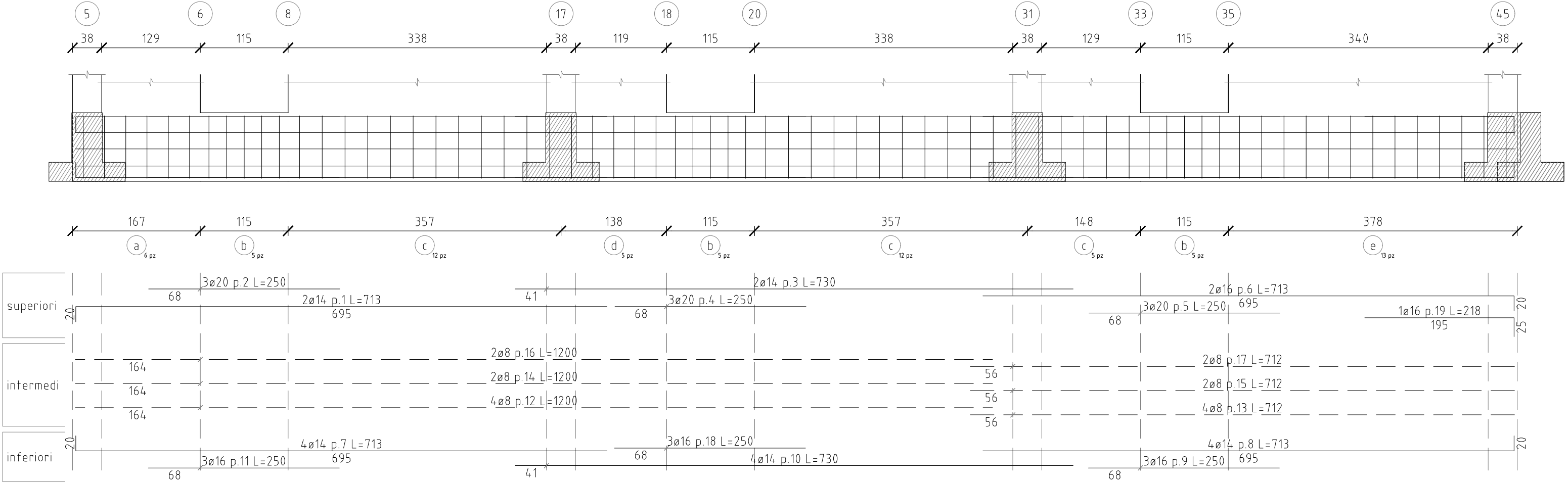


- a)  $\phi 10/27$  l=251 (7)
- b)  $\phi 10/24$  l=251 (36)
- c)  $\phi 10/28$  l=251 (12)
- d)  $\phi 10/27$  l=251 (19)

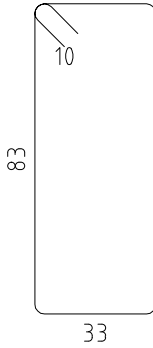
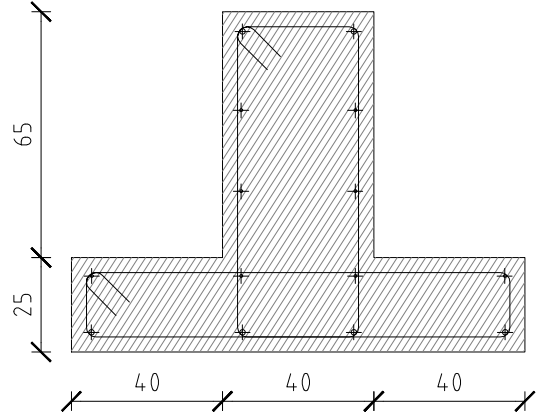


- a)  $\phi 10/27$  l=241 (7)
- b)  $\phi 10/24$  l=241 (36)
- c)  $\phi 10/28$  l=241 (12)
- d)  $\phi 10/27$  l=241 (19)

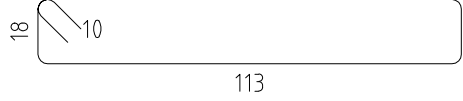
Trave di fondazione a "Fondaz(-10)" 5-45  
scala 1/50



Sezione 5-45  
scala 1/20



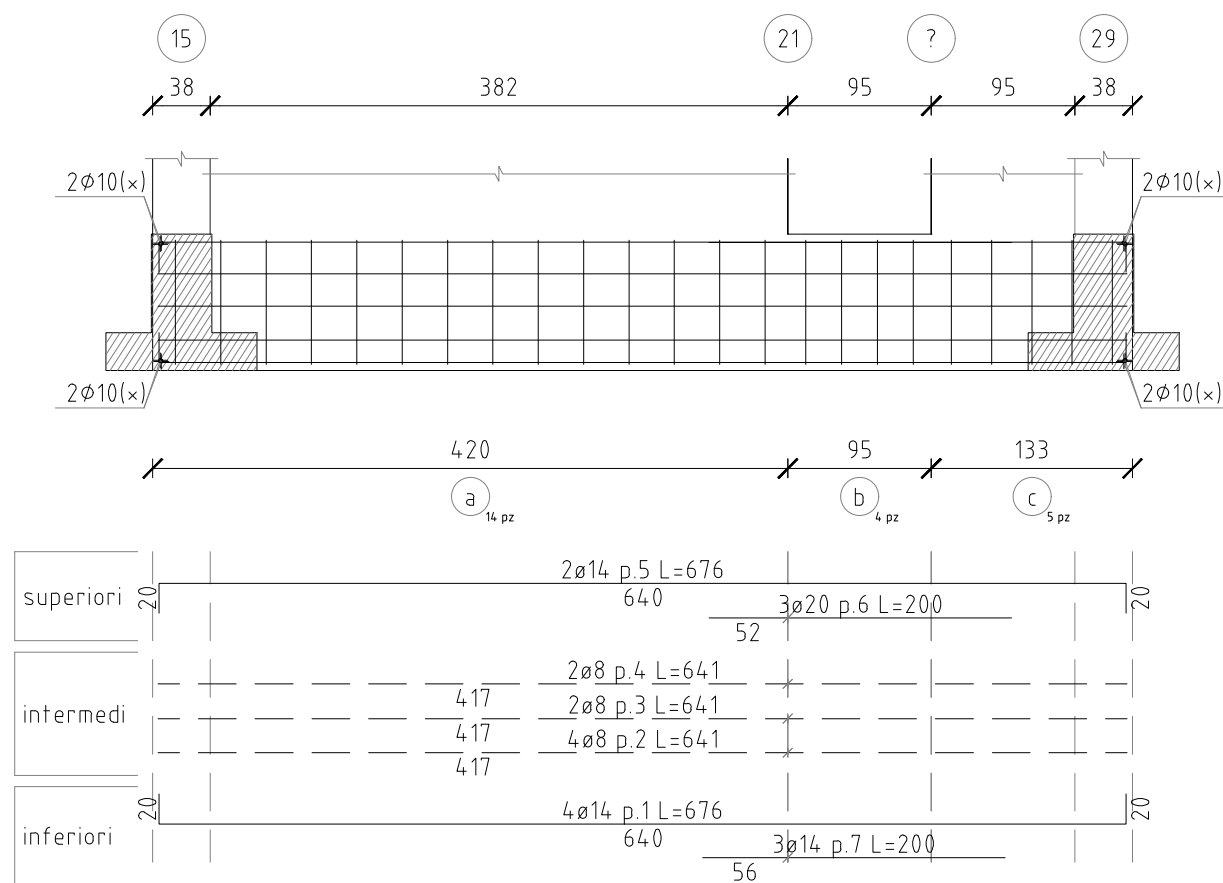
- a  $\phi 10/28$  l=251 (6)
- b  $\phi 10/23$  l=251 (15)
- c  $\phi 10/30$  l=251 (29)
- d  $\phi 10/28$  l=251 (5)
- e  $\phi 10/29$  l=251 (13)



- a  $\phi 10/28$  l=281 (6)
- b  $\phi 10/23$  l=281 (15)
- c  $\phi 10/30$  l=281 (29)
- d  $\phi 10/28$  l=281 (5)
- e  $\phi 10/29$  l=281 (13)

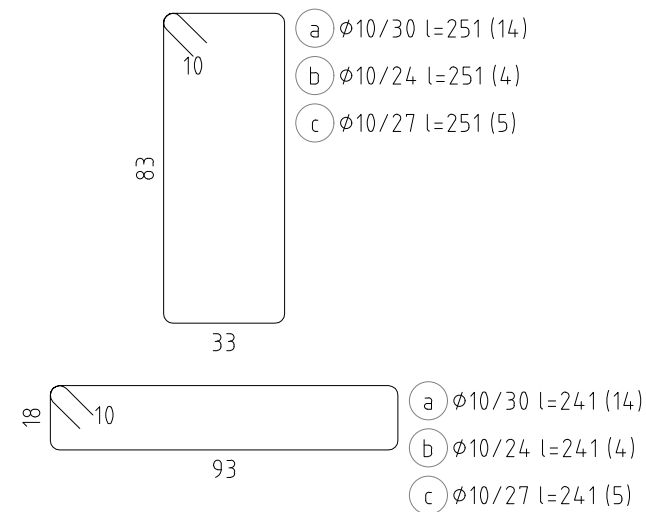
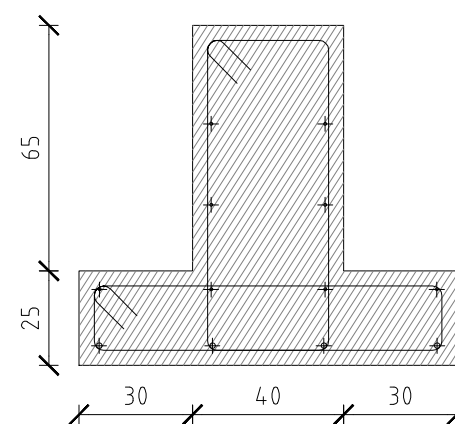
# Trave di fondazione a "Fondaz(-10)" 15-29

scala 1/50



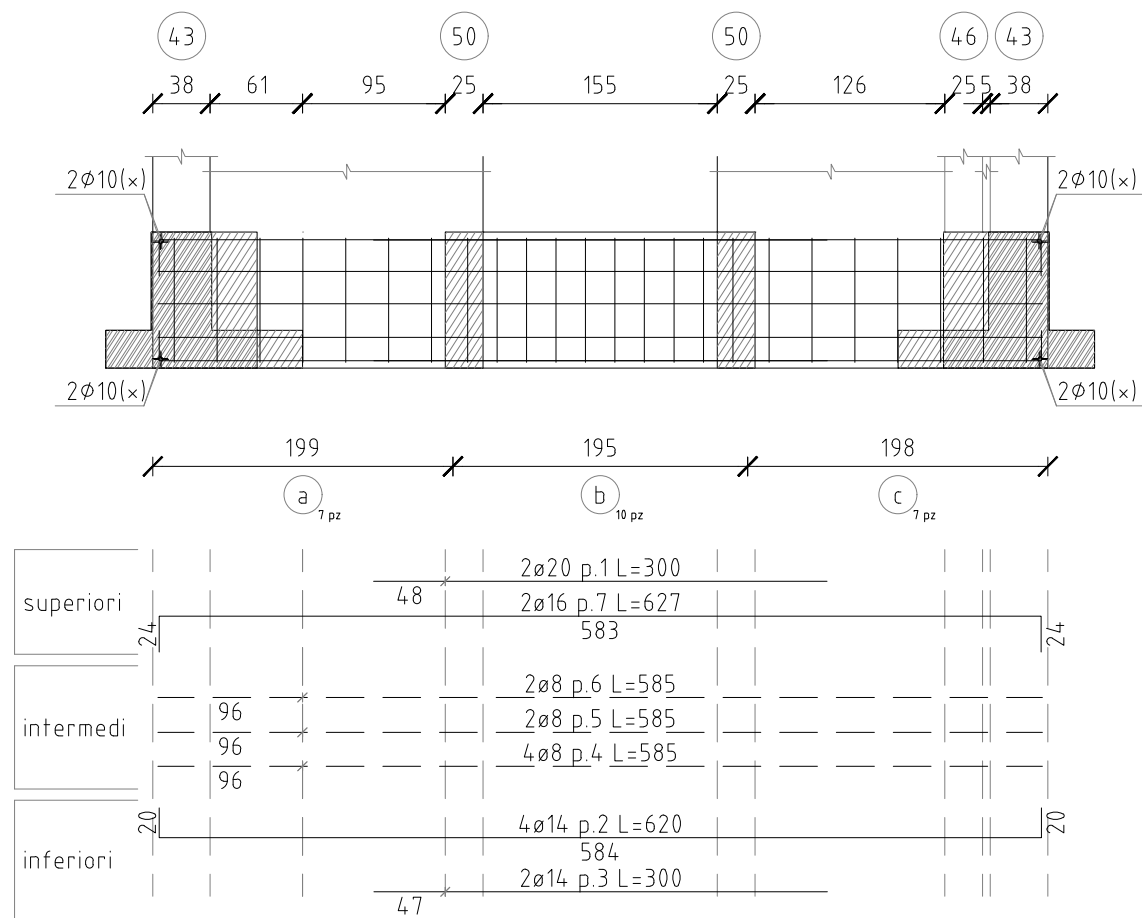
## Sezione 15-29

scala 1/20

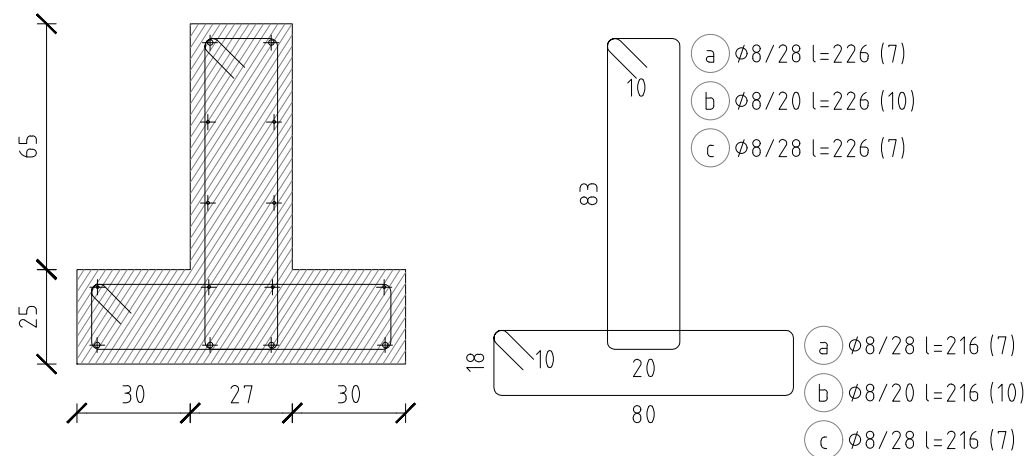




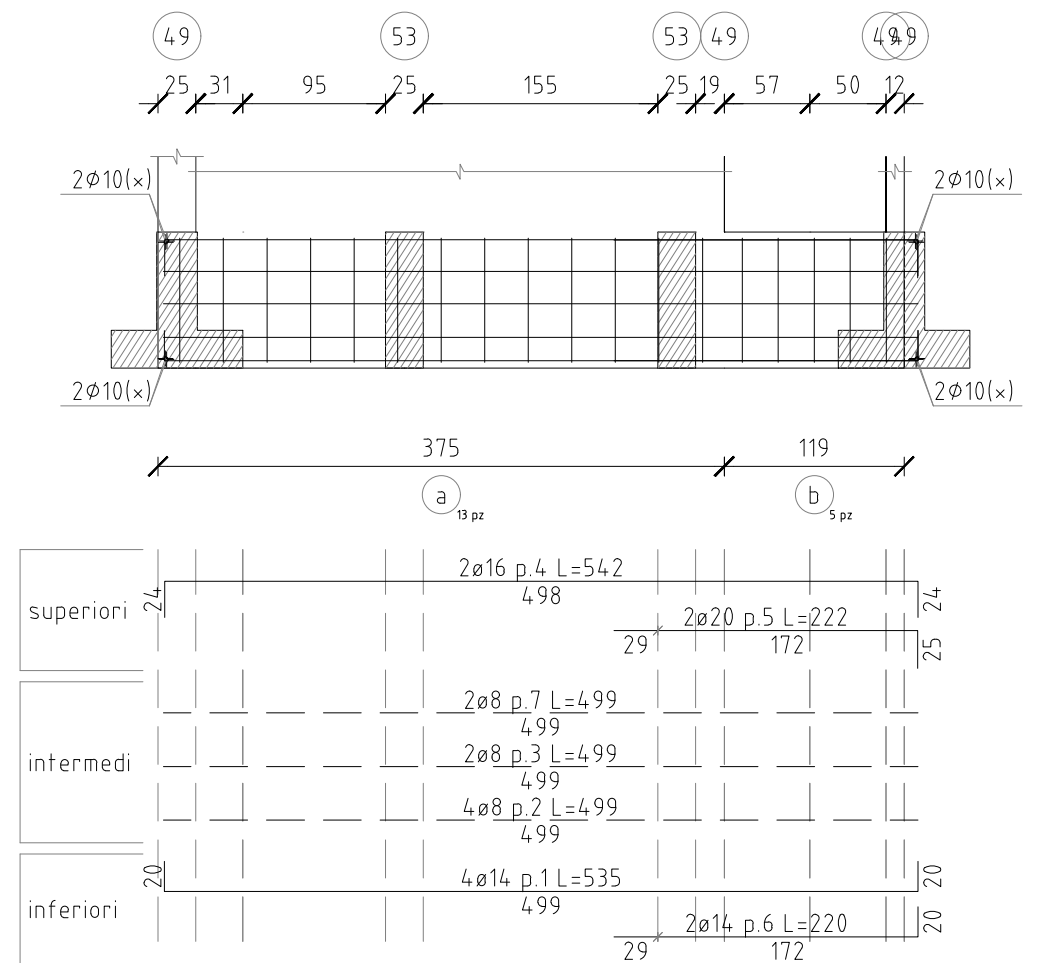
Trave di fondazione a "Fondaz(-10)" 46-46  
scala 1/50



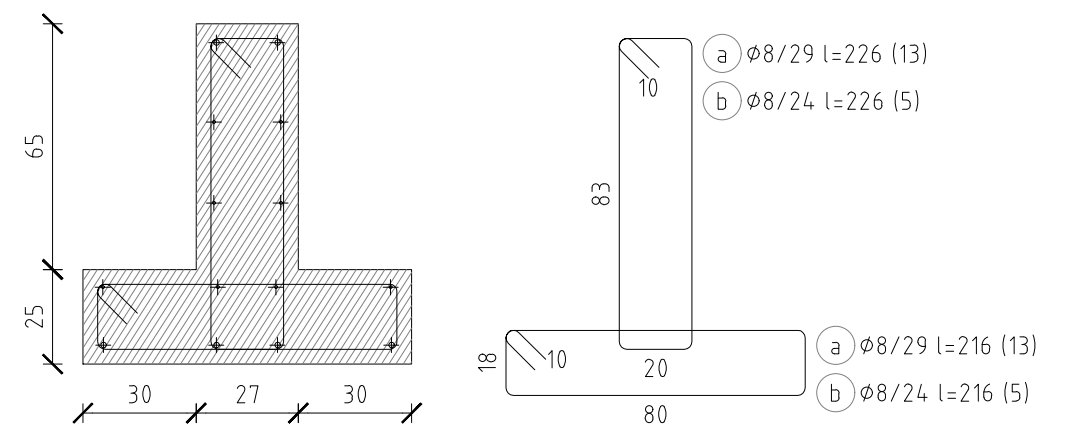
Sezione  
scala 1/20



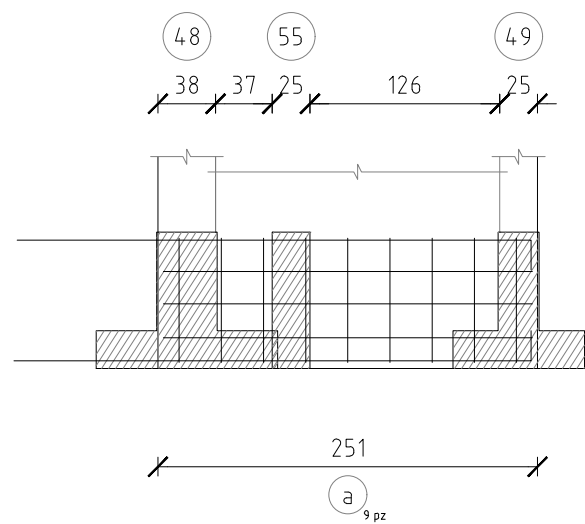
Trave di fondazione a "Fondaz(-10)" 49-49  
scala 1/50



Sezione  
scala 1/20

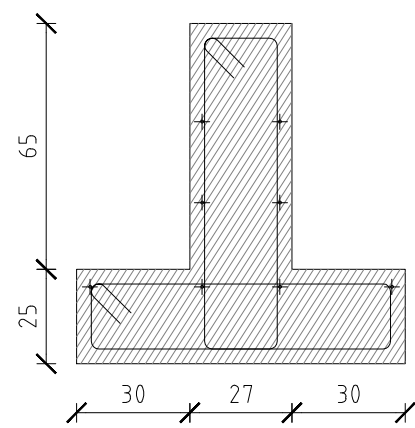


Trave di fondazione a "Fondaz(-10)" 45-49  
scala 1/50



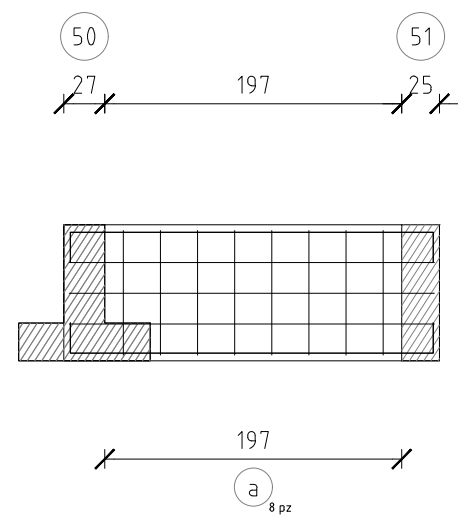
superiori	2ø16 p.4 L=358	340	20
intermedi	2ø8 p.3 L=244	72	
	2ø8 p.2 L=244	72	
	4ø8 p.1 L=244	72	
inferiori	4ø14 p.5 L=360	342	20

Sezione 48-49  
scala 1/20



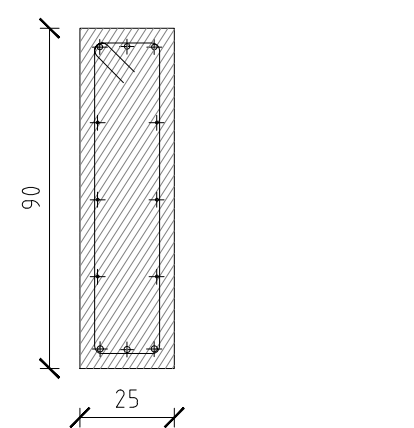
superiori	2ø8 p.3 L=244	72	20
intermedi	2ø8 p.2 L=244	72	
inferiori	4ø8 p.1 L=244	72	
inferiori	4ø14 p.5 L=360	342	20

Trave a "Fondaz(-10)" 50-51  
scala 1/50



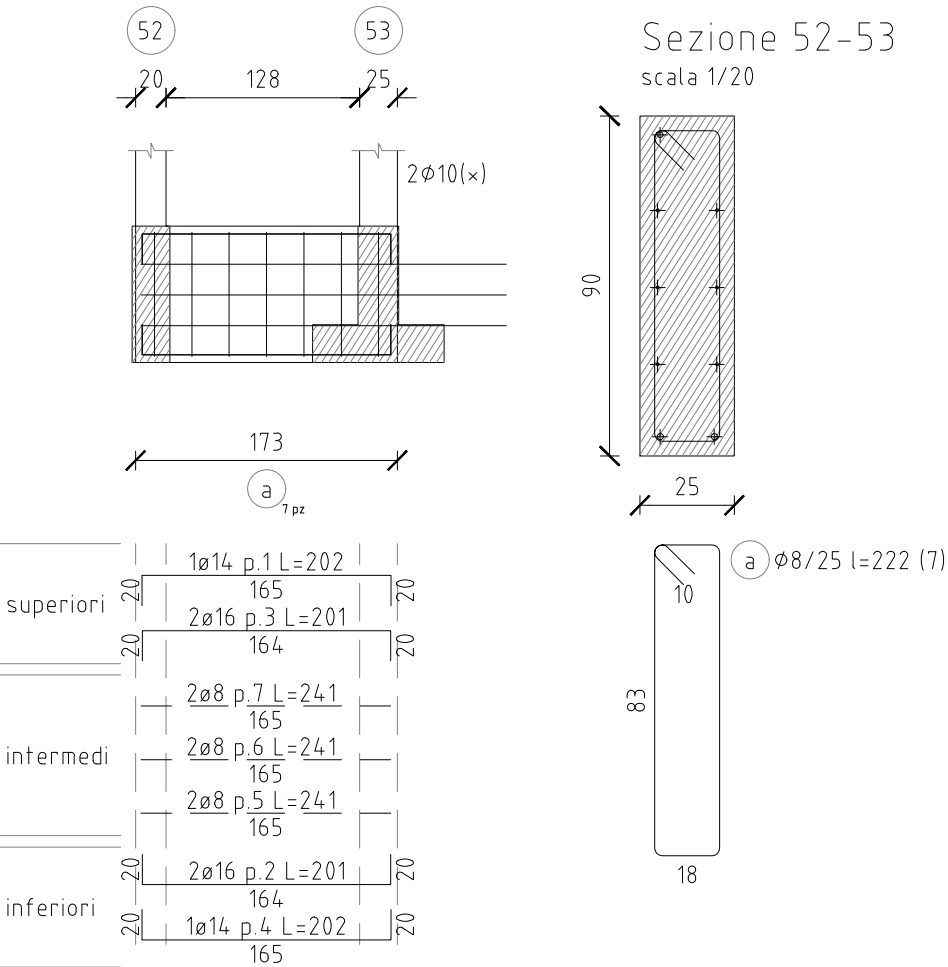
superiori	1ø14 p.1 L=277	240	20
intermedi	2ø16 p.3 L=276	240	20
	2ø8 p.7 L=241	242	
	2ø8 p.6 L=241	242	
inferiori	2ø8 p.5 L=241	242	
inferiori	2ø16 p.2 L=276	240	20
inferiori	1ø14 p.4 L=277	240	20

Sezione 50-51  
scala 1/20

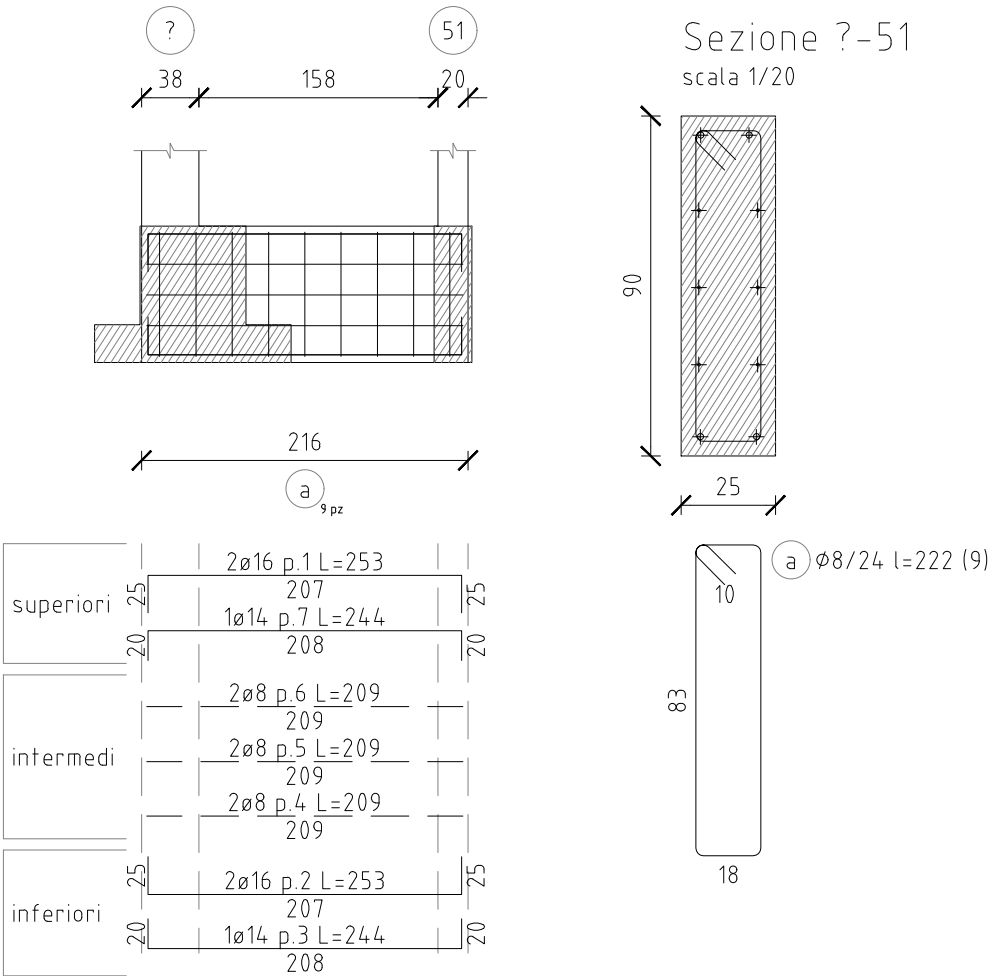


superiori	2ø8 p.3 L=244	72	20
intermedi	2ø8 p.2 L=244	72	
inferiori	4ø8 p.1 L=244	72	
inferiori	4ø14 p.5 L=360	342	20

Trave di fondazione a "Fondaz(-10)" 52-53
scala 1/50

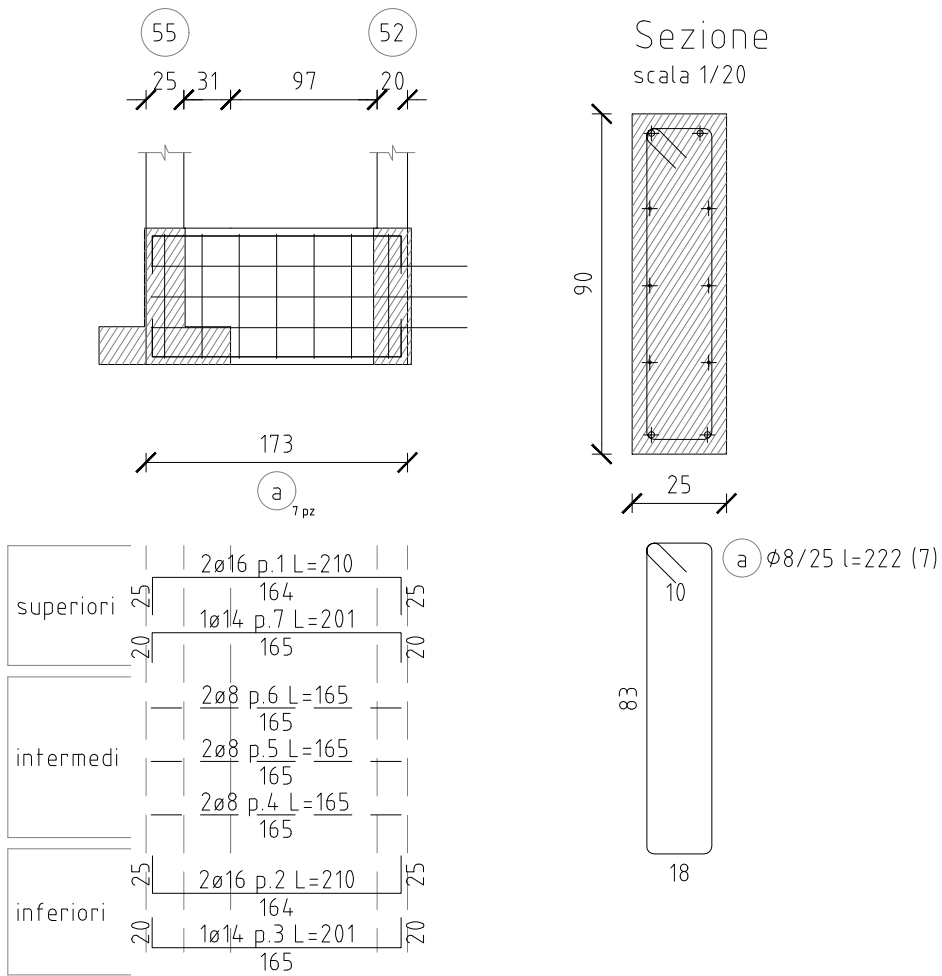


Trave di fondazione a "Fondaz(-10)" 54-51
scala 1/50



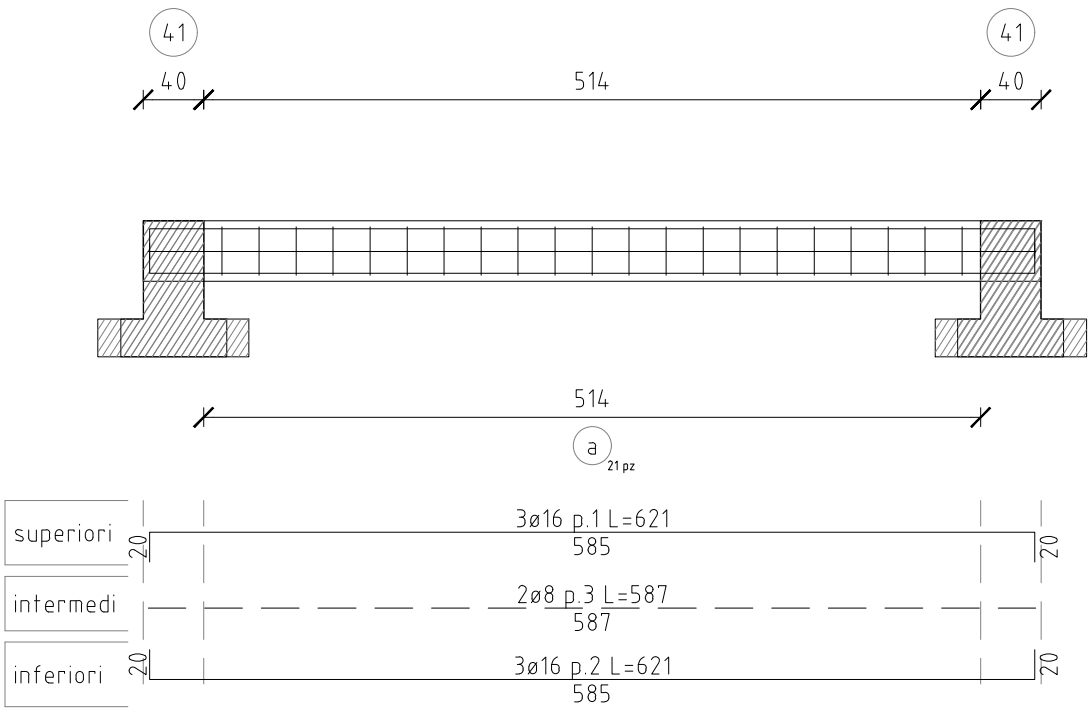
Trave di fondazione a "Fondaz(-10)" 55-52

scala 1/50



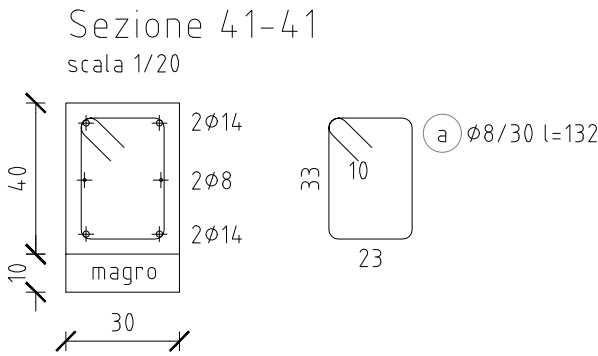
Trave a "Fondaz(-10)" 41-41

scala 1/50



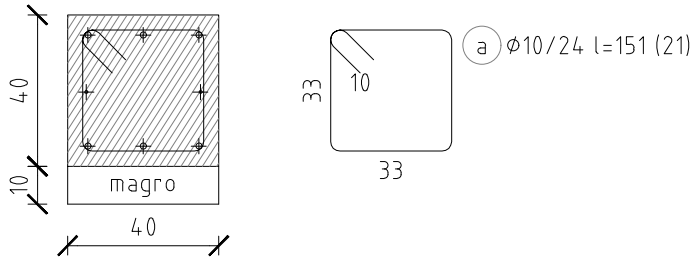
Cordolo a "Fondaz(-10)" 1-40

scala 1/50



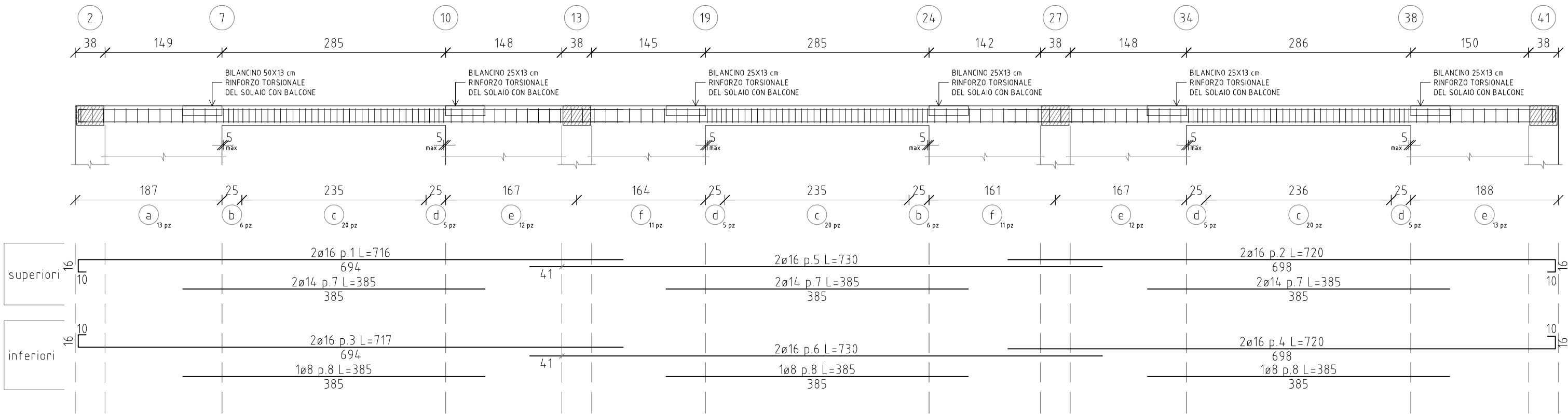
Sezione 41-41

scala 1/20



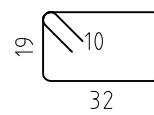
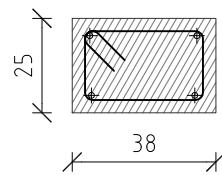
Trave a "Piano 1" 2-41

scala 1/50



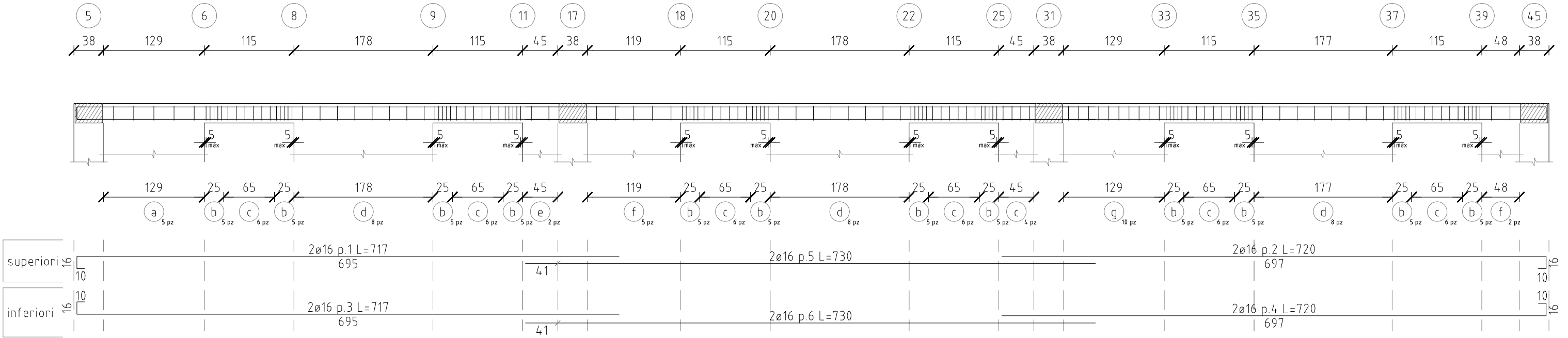
Sezione 2-41

scala 1/20

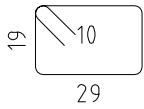
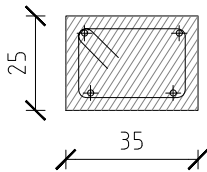


- a Ø8/14 l=116 (13)
- b Ø10/6 l=116 (12)
- c Ø10/8 l=116 (60)
- d Ø10/6 l=116 (20)
- e Ø8/14 l=116 (37)
- f Ø8/15 l=116 (22)

Trave a "Piano 1" 5-45  
scala 1/50



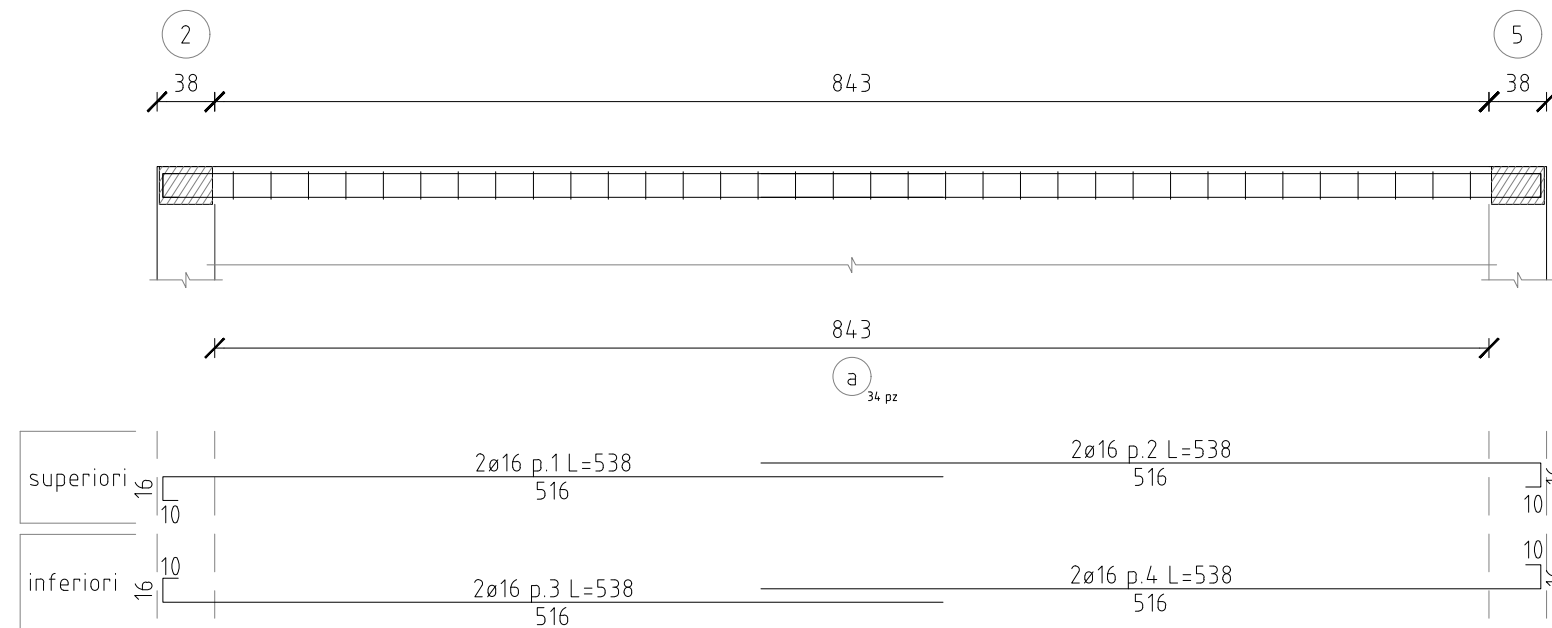
Sezione 5-45  
scala 1/20



- a) ø8/26 l=116 (5)
- b) ø8/5 l=116 (60)
- c) ø8/11 l=116 (40)
- d) ø8/22 l=116 (24)
- e) ø8/23 l=116 (2)
- f) ø8/24 l=116 (7)
- g) ø8/13 l=116 (10)

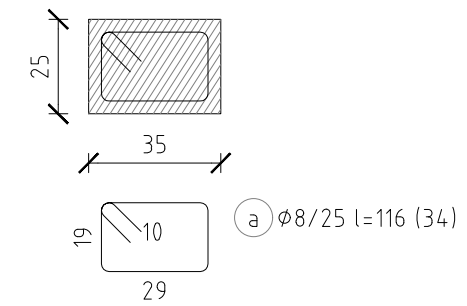
# Trave a "Piano 1" 2-5

scala 1/50



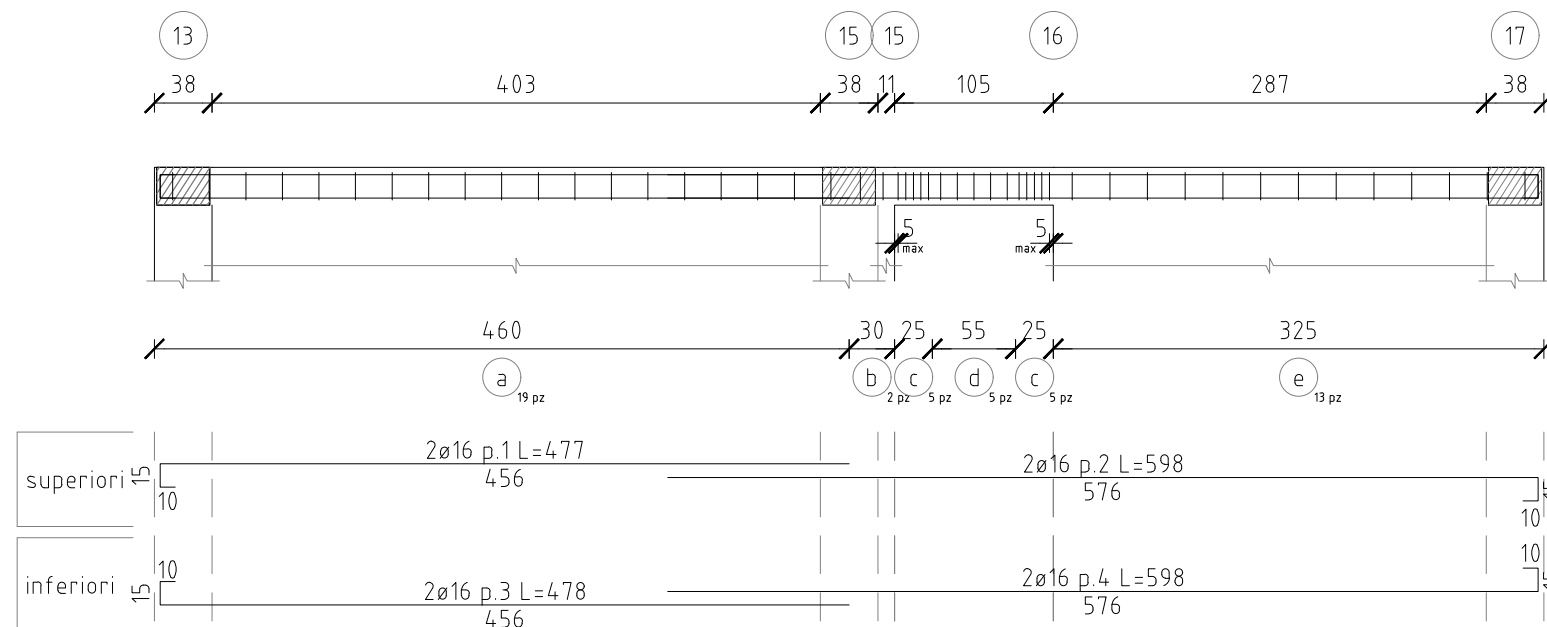
## Sezione 2-5

scala 1/20



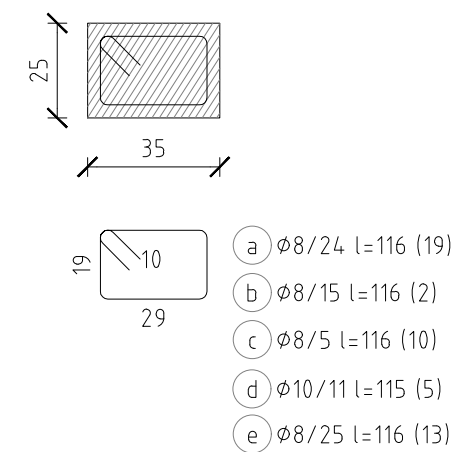
# Trave a "Piano 1" 13-17

scala 1/50



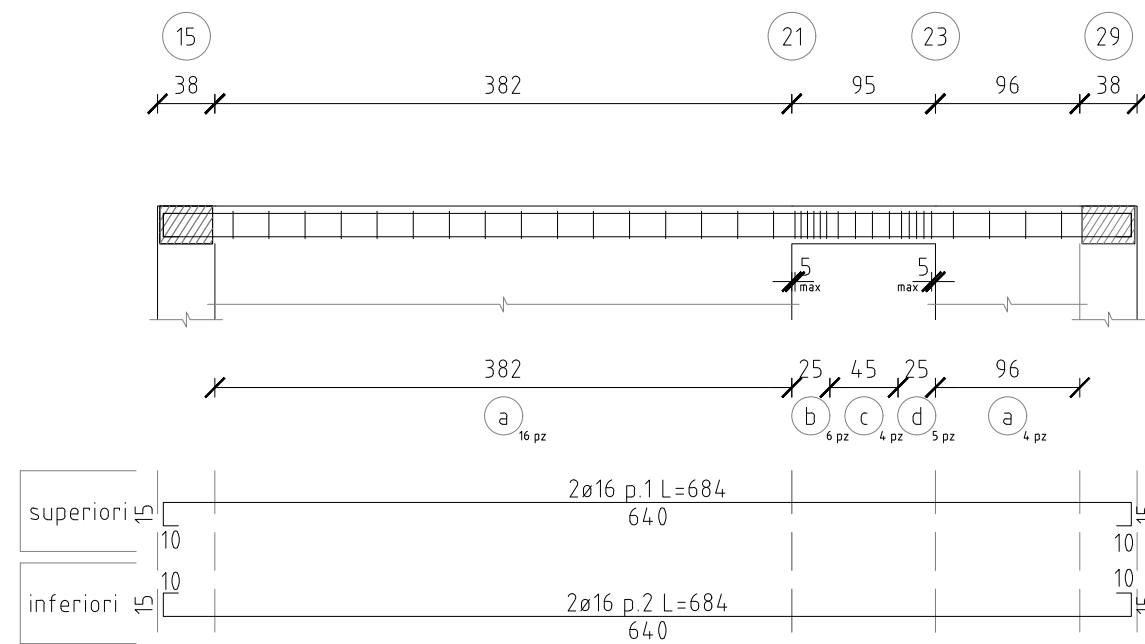
## Sezione 13-17

scala 1/20



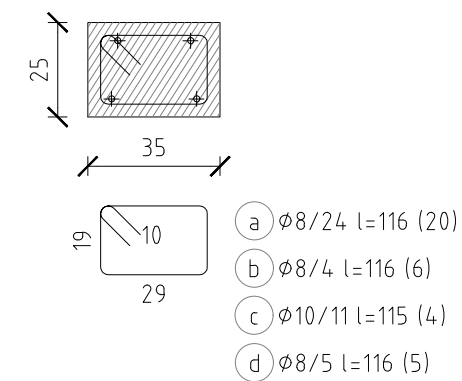
# Trave a "Piano 1" 15-29

scala 1/50



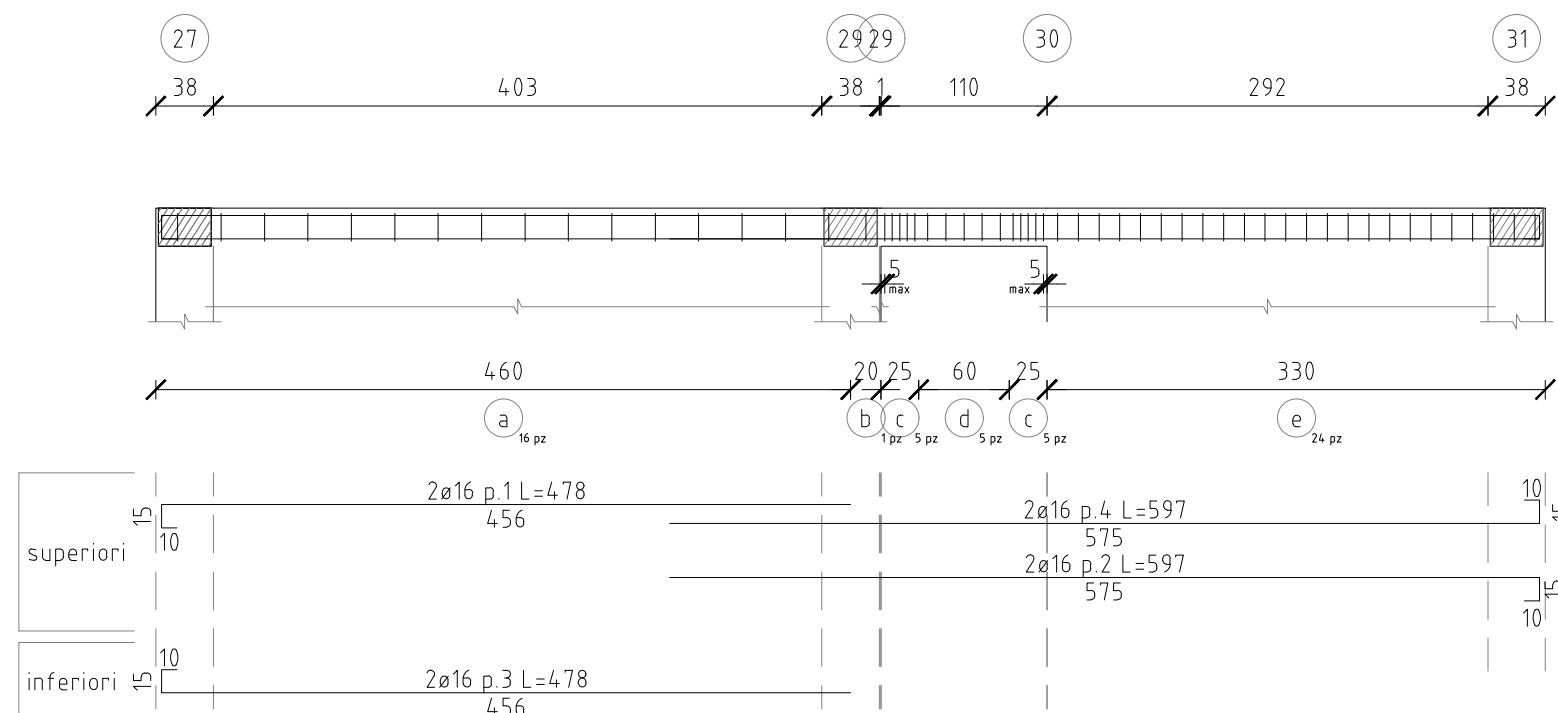
## Sezione 15-29

scala 1/20



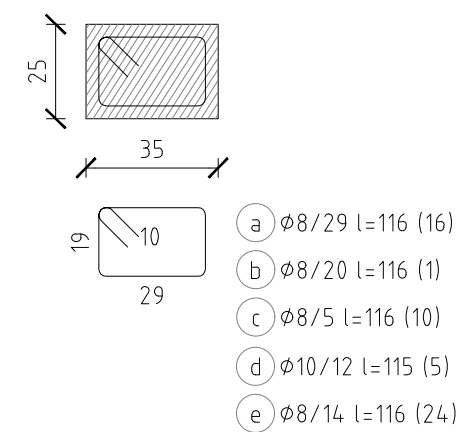
# Trave a "Piano 1" 27-31

scala 1/50



## Sezione 27-31

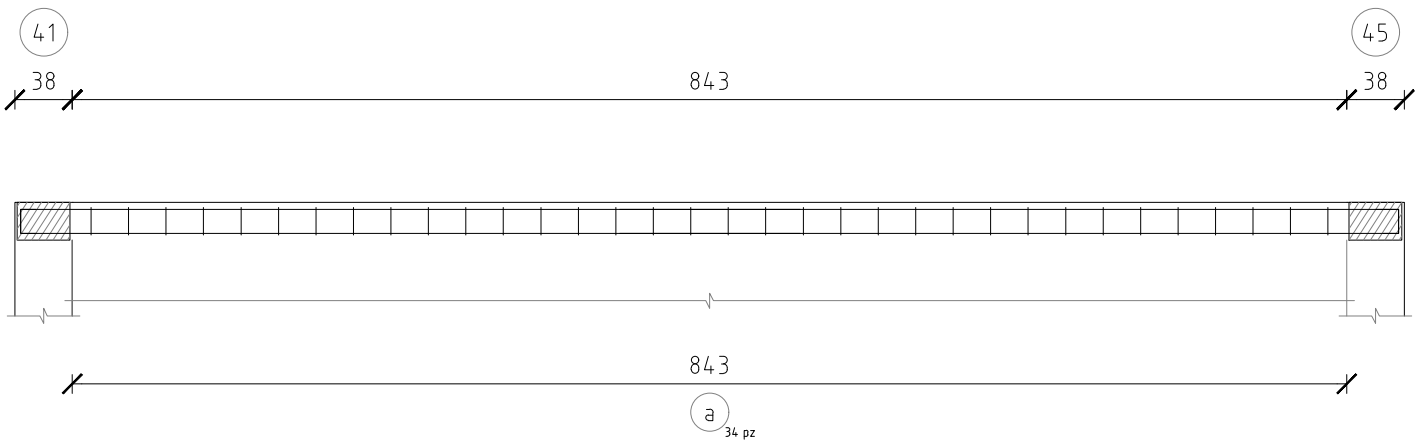
scala 1/20





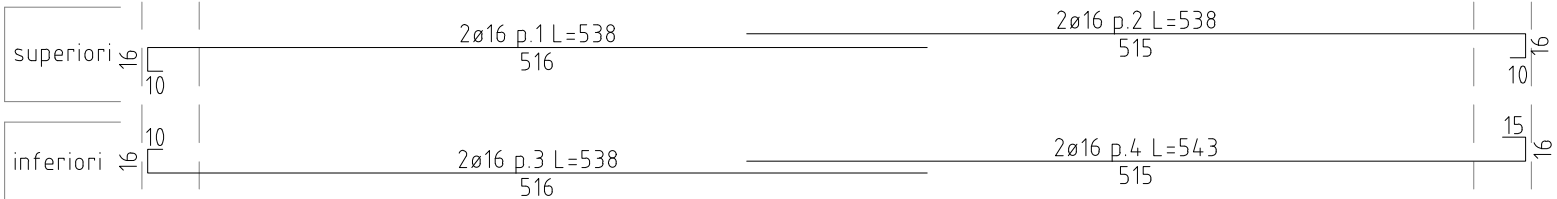
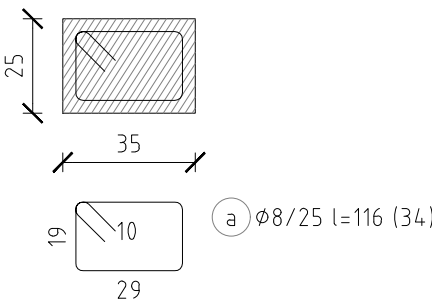
# Trave a "Piano 1" 41-45

scala 1/50



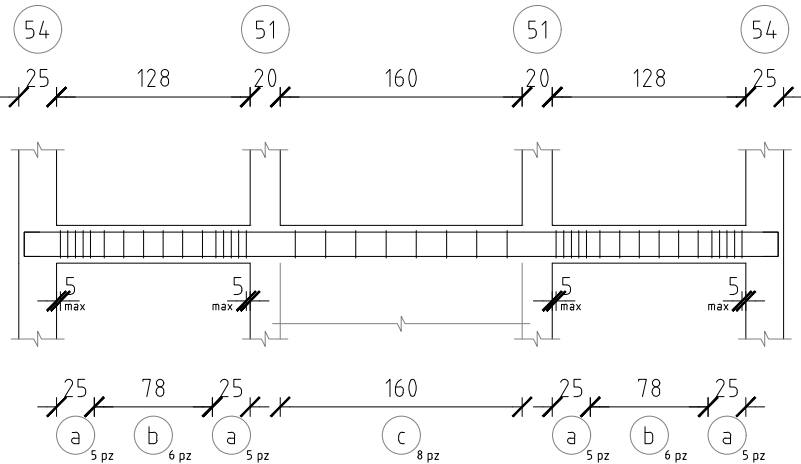
## Sezione 41-45

scala 1/20



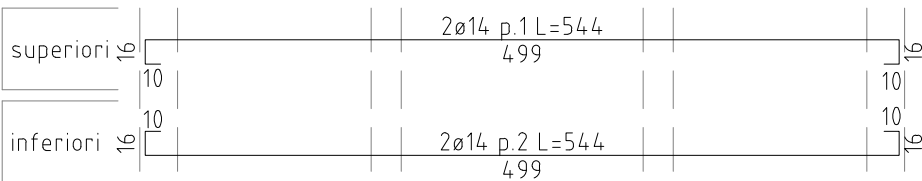
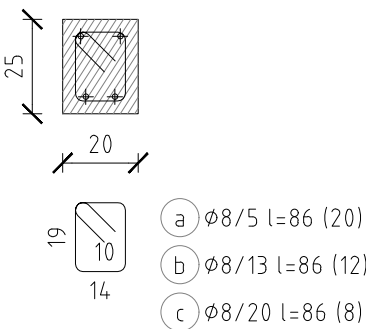
# Trave a "Piano 1" 54-54

scala 1/50



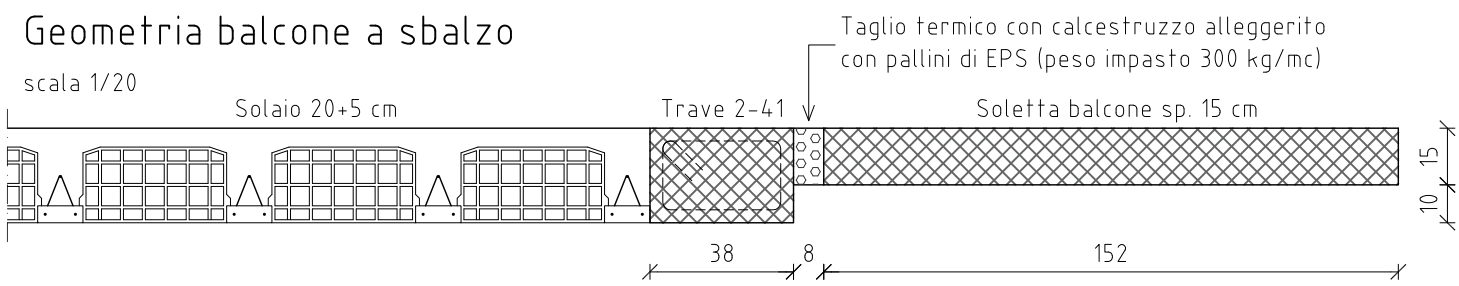
## Sezione 54-54

scala 1/20

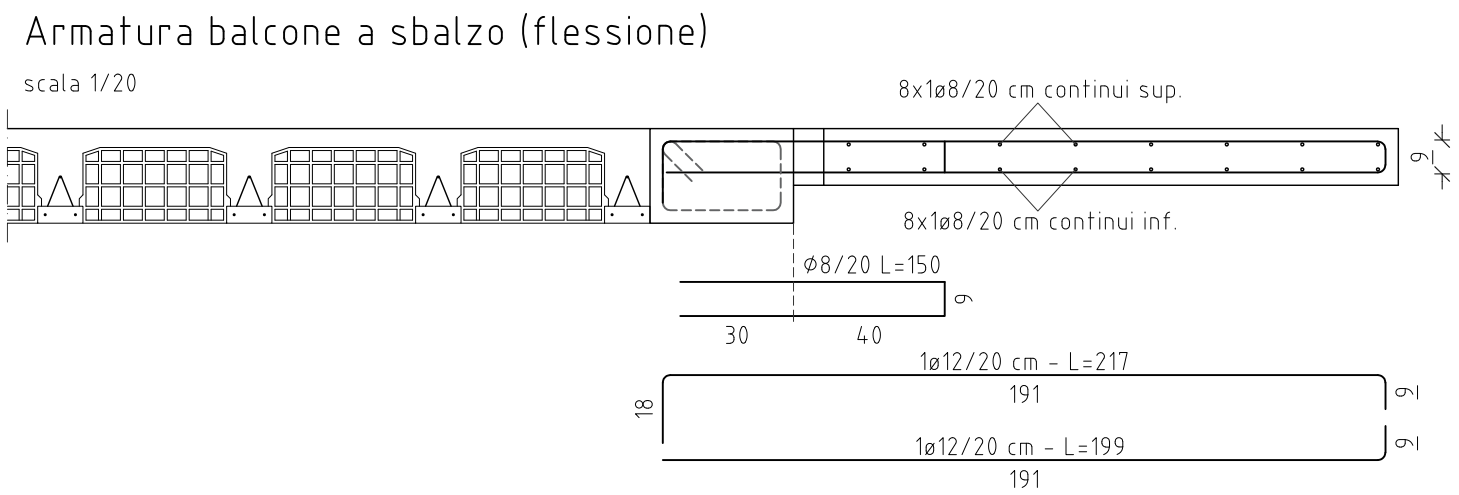


# BALCONE A SBALZO

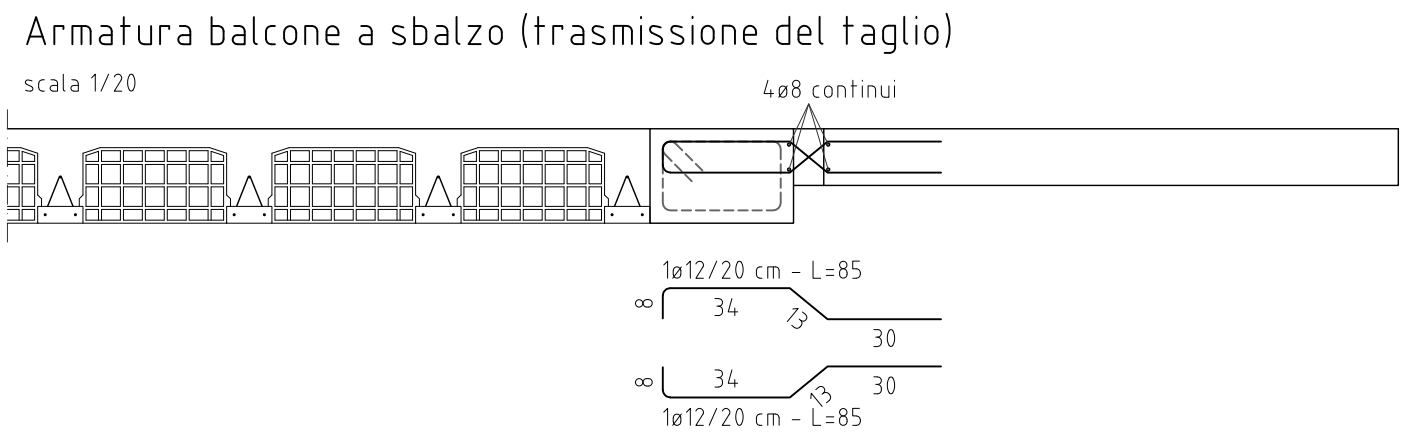
## Geometria balcone a sbalzo



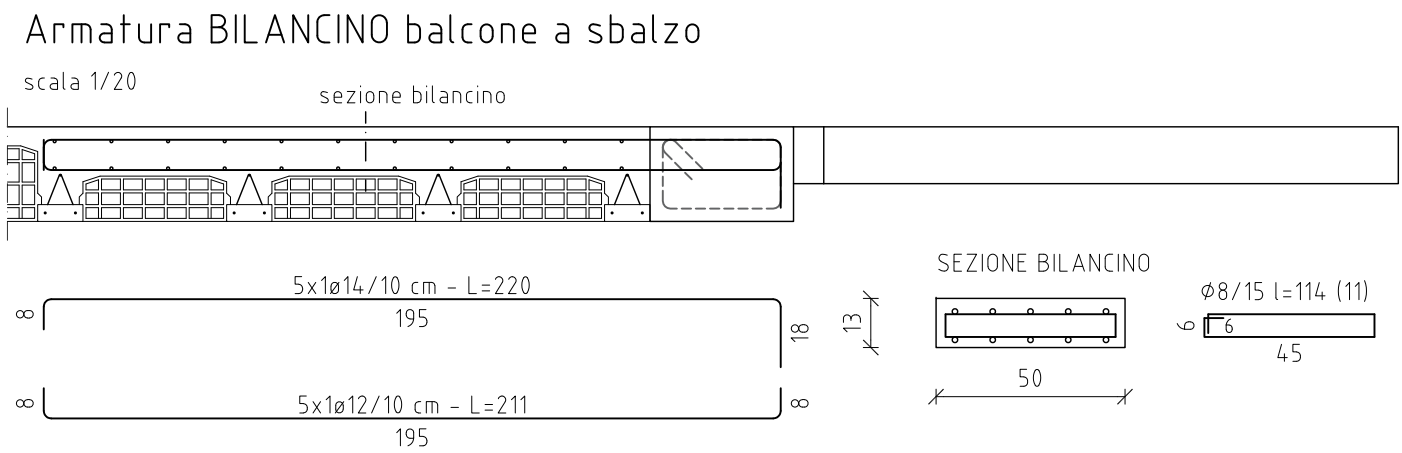
## Armatura balcone a sbalzo (flessione)



## Armatura balcone a sbalzo (trasmissione del taglio)

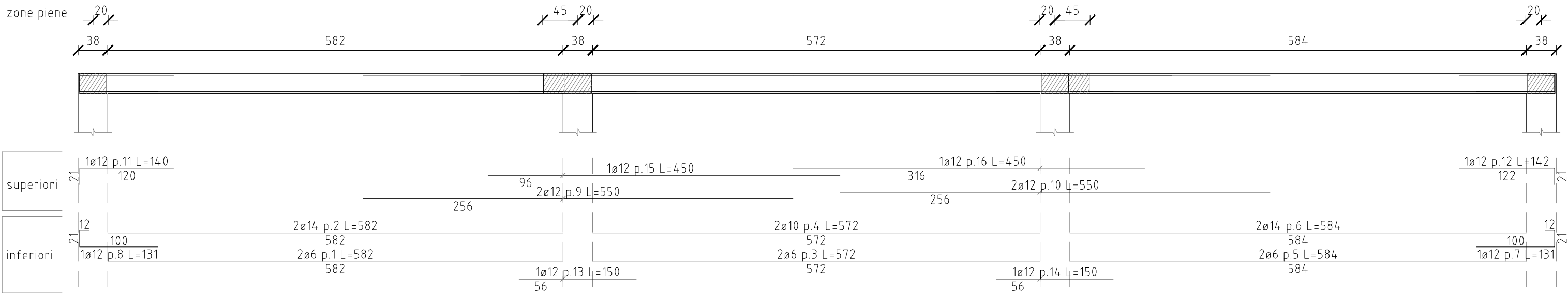


## Armatura BILANCINO balcone a sbalzo



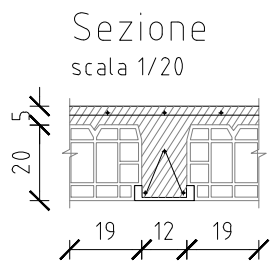
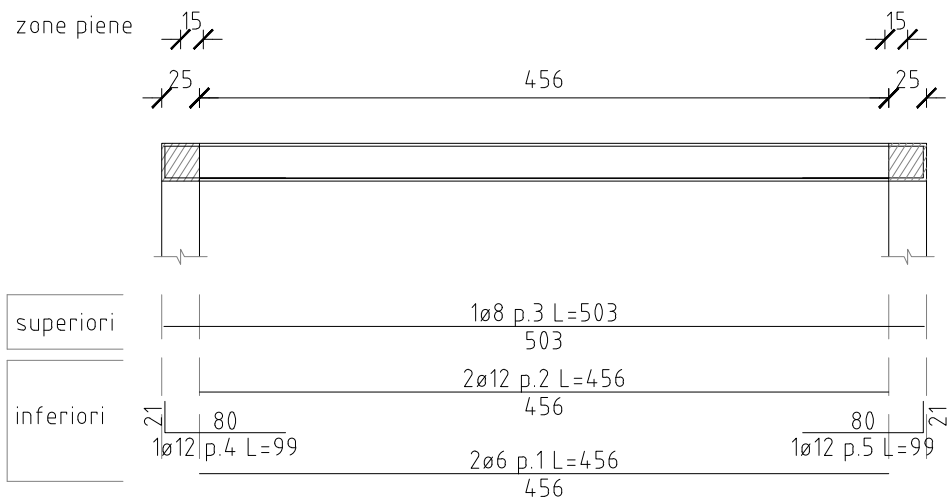
Sez A-B-C solaio "Piano 1"

scala 1/50



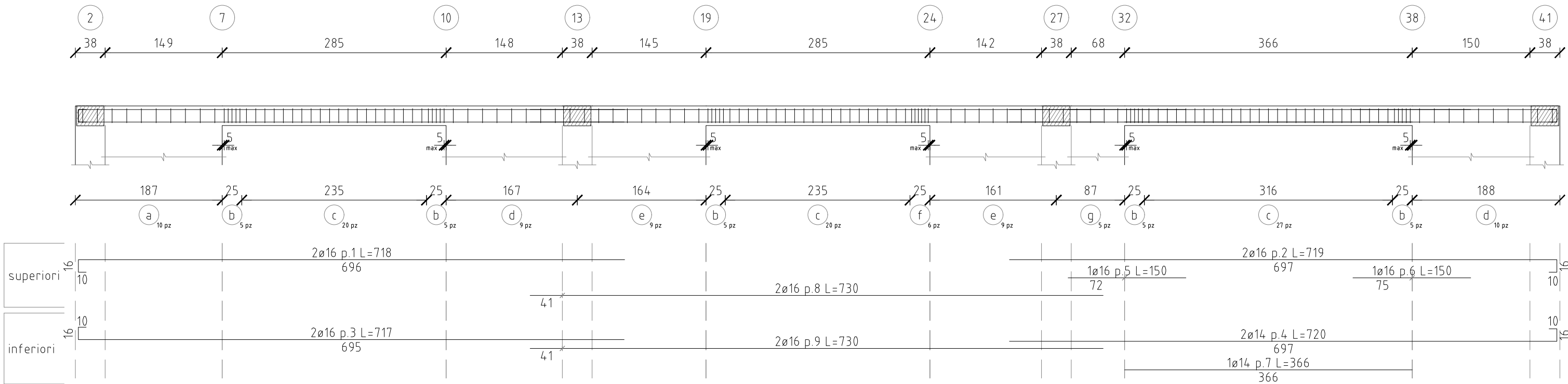
Sez D solaio "Piano 1"

scala 1/50



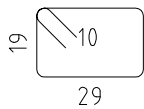
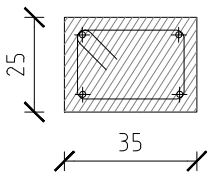
Trave a "Falda 1" 2-41

scala 1/50



Sezione 2-41

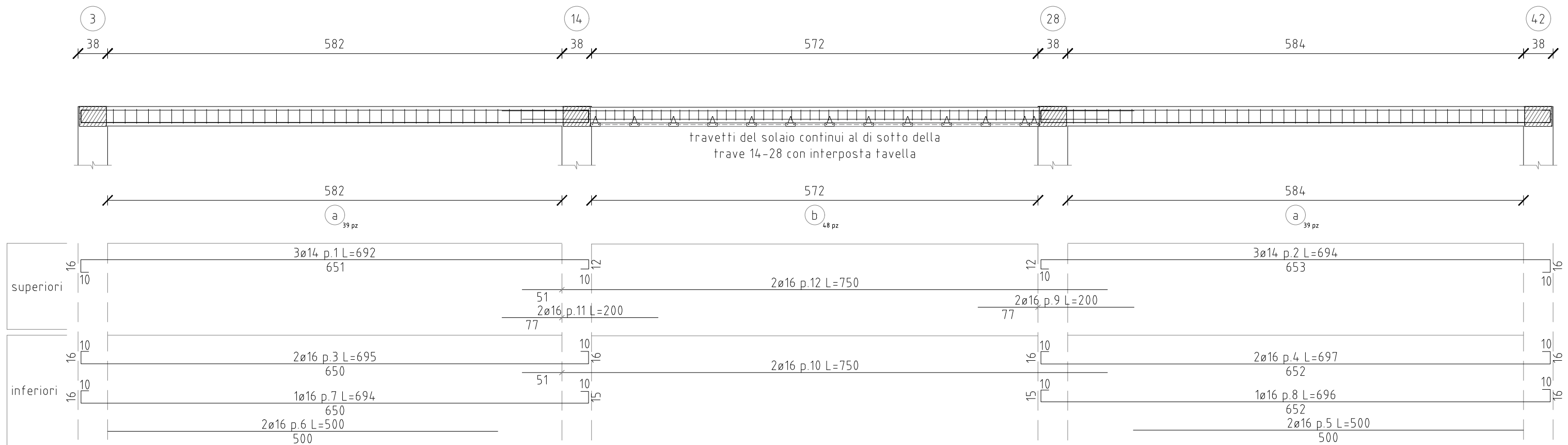
scala 1/20



- a) Ø8/19 l=116 (10)
- b) Ø8/5 l=116 (25)
- c) Ø8/12 l=116 (67)
- d) Ø8/19 l=116 (19)
- e) Ø8/18 l=116 (18)
- f) Ø8/4 l=116 (6)
- g) Ø8/17 l=116 (5)

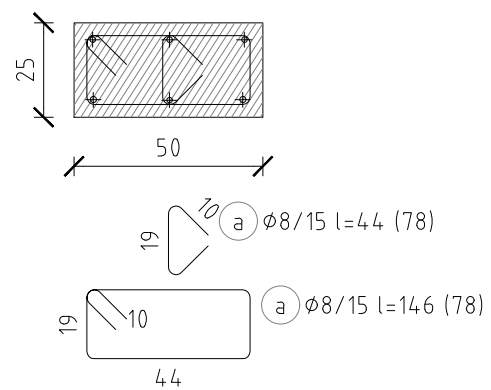
Trave a "Falda 1" 3-42

scala 1/50



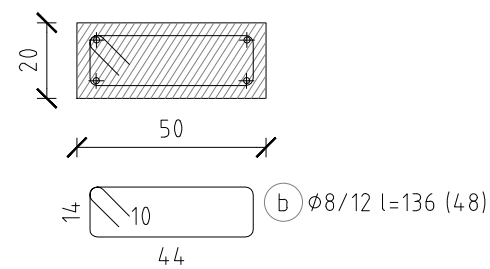
Sezione 3-14 ; 28-42

scala 1/20

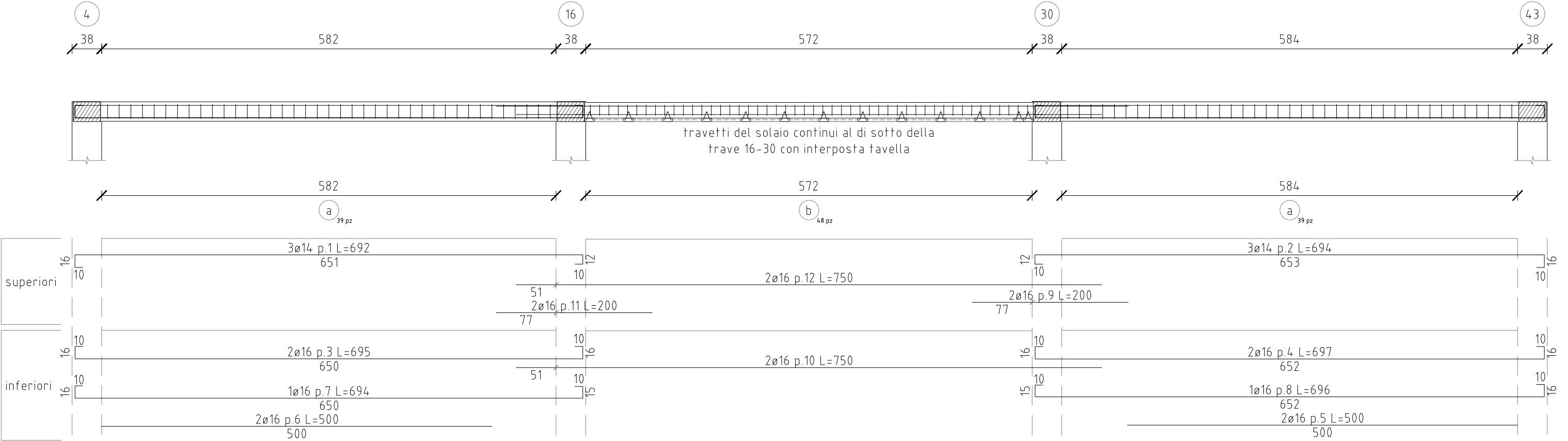


Sezione 14-28

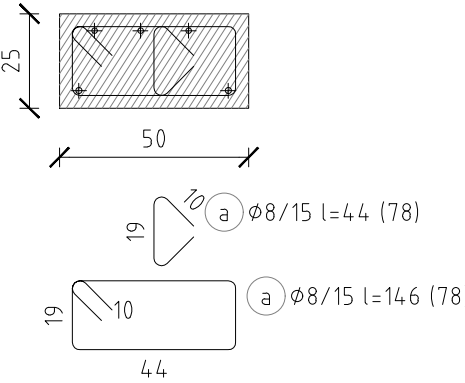
scala 1/20



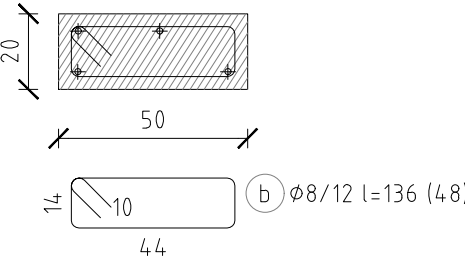
Trave a "Falda 1" 4-43  
scala 1/50



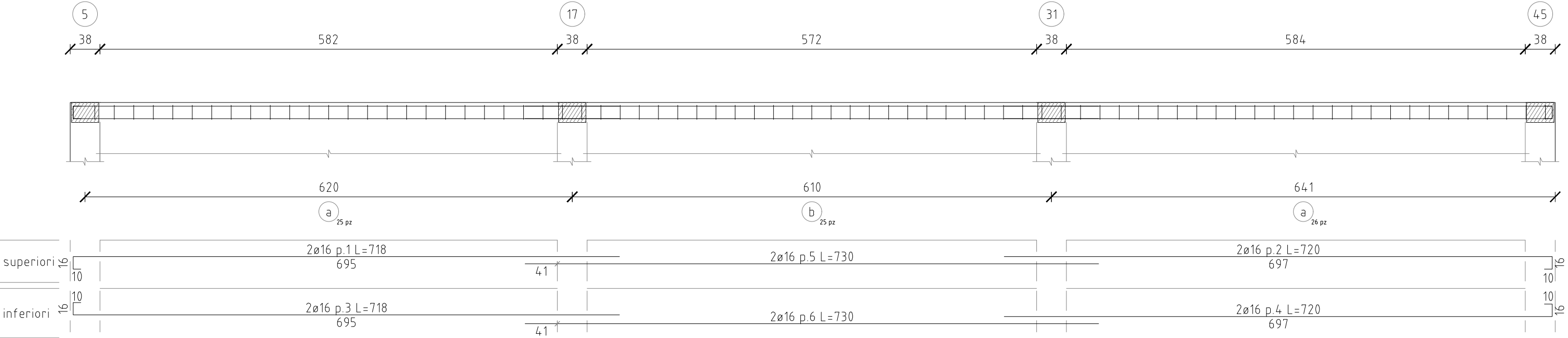
Sezione 4-16 ; 30-43  
scala 1/20



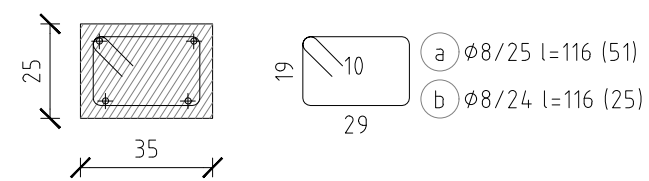
Sezione 16-30  
scala 1/20



Trave a "Falda 1" 5-45  
scala 1/50

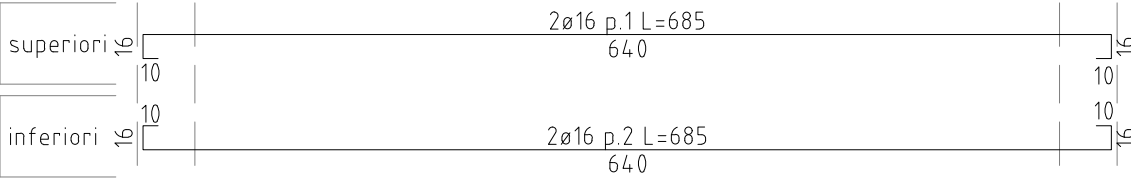
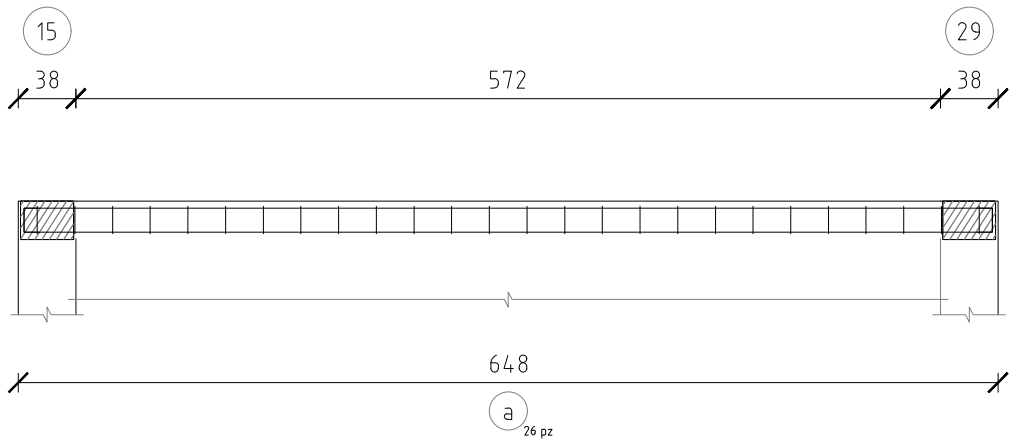


Sezione 5-45  
scala 1/20



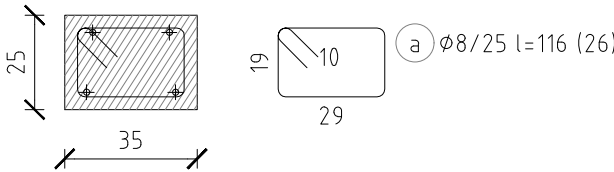
Trave a "Falda 1" 15-29

scala 1/50



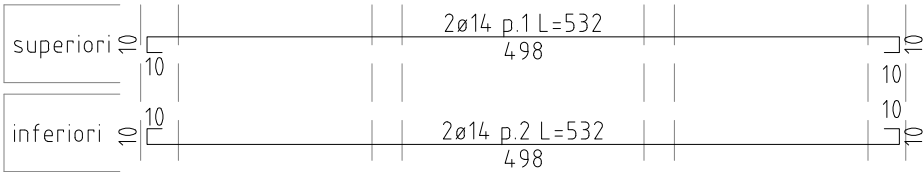
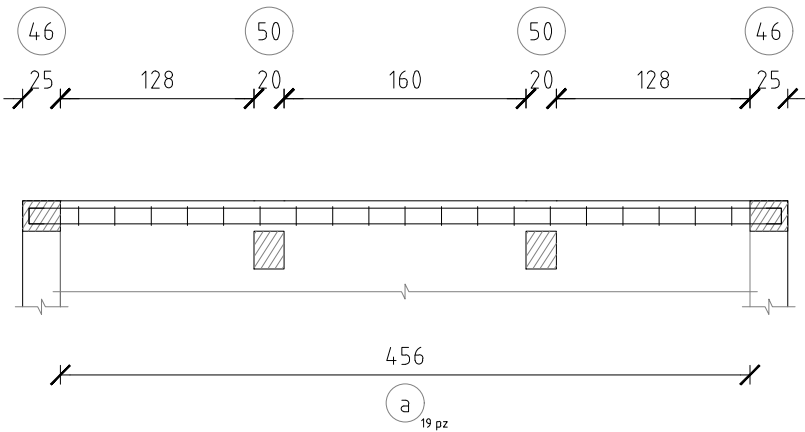
Sezione 15-29

scala 1/20



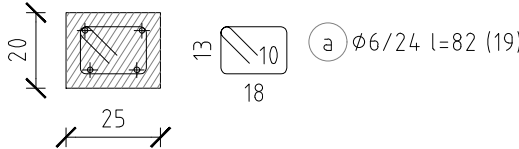
Trave a "Gronda1" 46-46

scala 1/50



Sezione 46-46

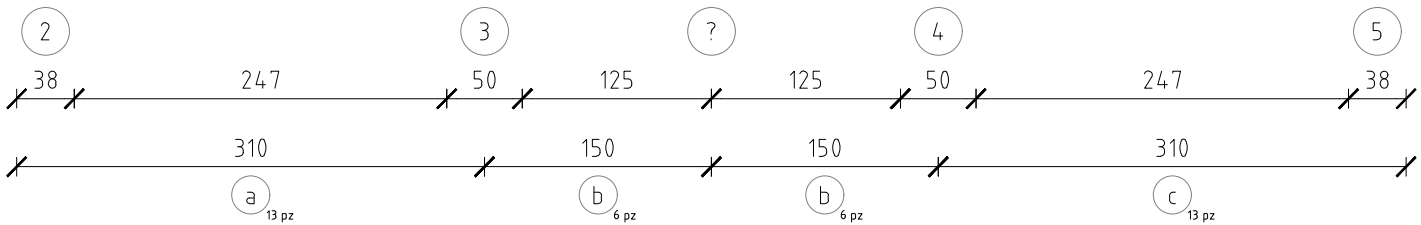
scala 1/20





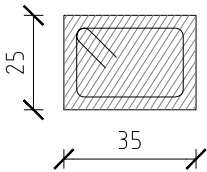
Trave a "Falda 1" 2-5

scala 1/50



Sezione 2-5

scala 1/20



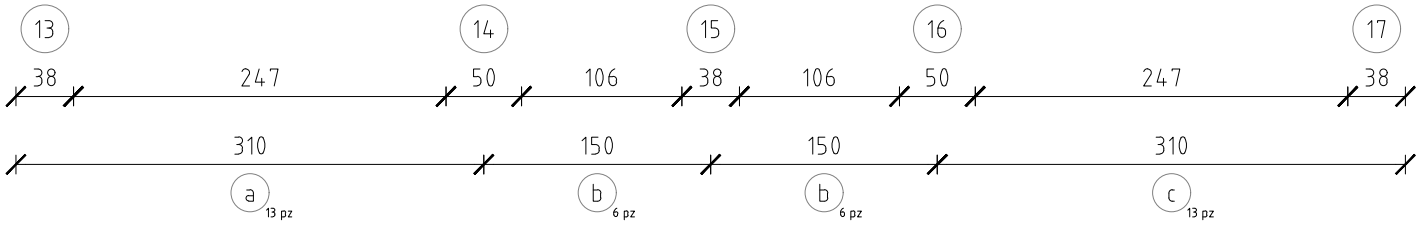
- (a)  $\phi 8/24$  l=116 (13)  
(b)  $\phi 8/25$  l=116 (12)  
(c)  $\phi 8/24$  l=116 (13)

superiori

inferiori

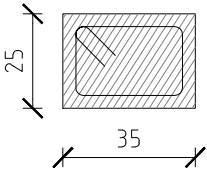
Trave a "Falda 1" 13-17

scala 1/50



Sezione 13-17

scala 1/20



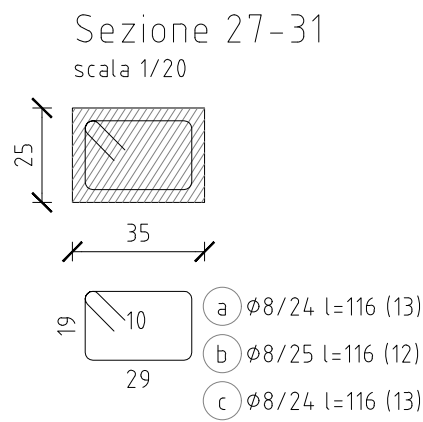
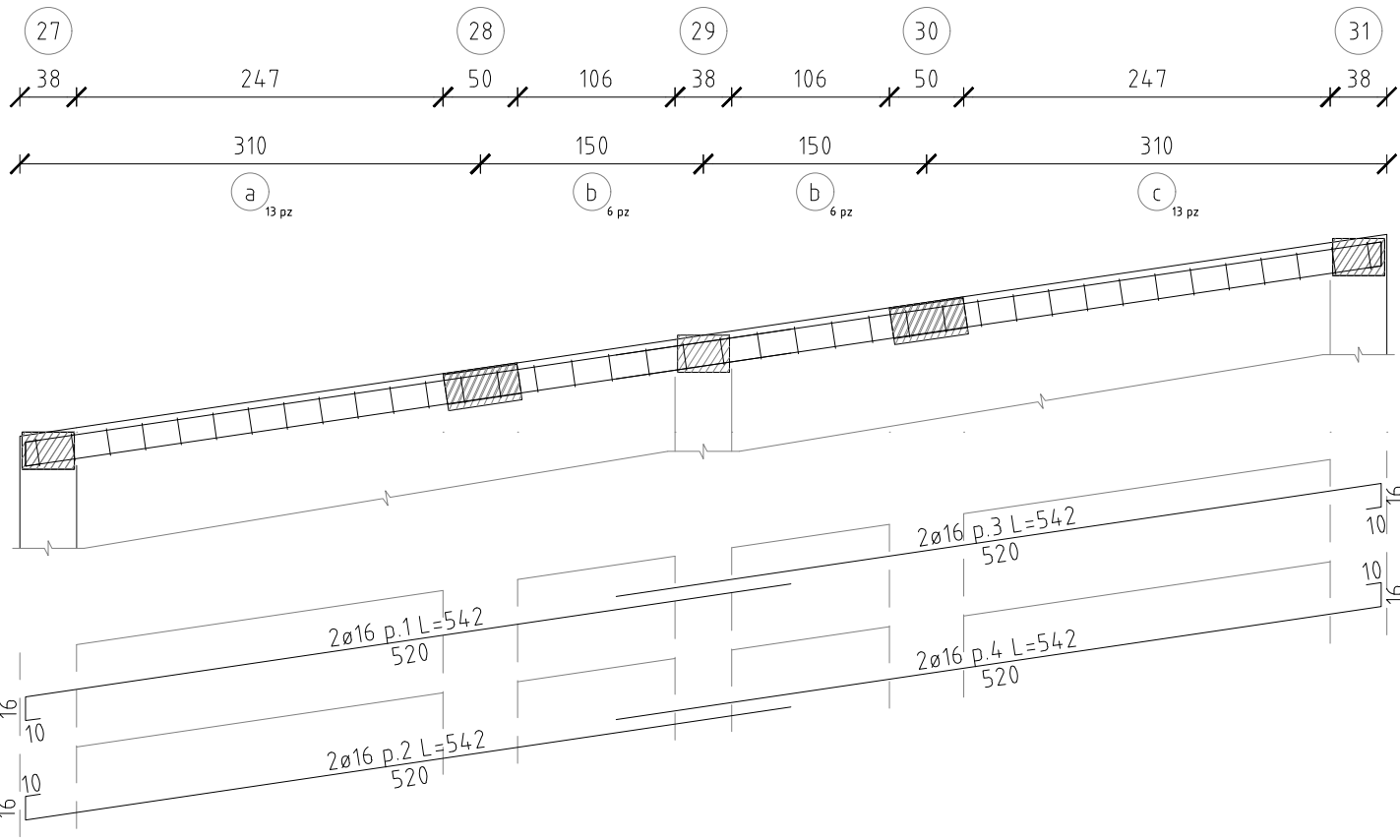
- (a)  $\phi 8/24$  l=116 (13)  
(b)  $\phi 8/25$  l=116 (12)  
(c)  $\phi 8/24$  l=116 (13)

superiori

inferiori

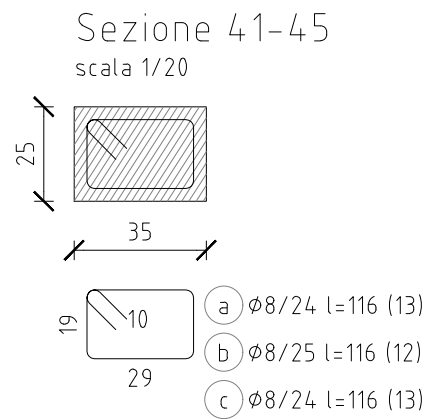
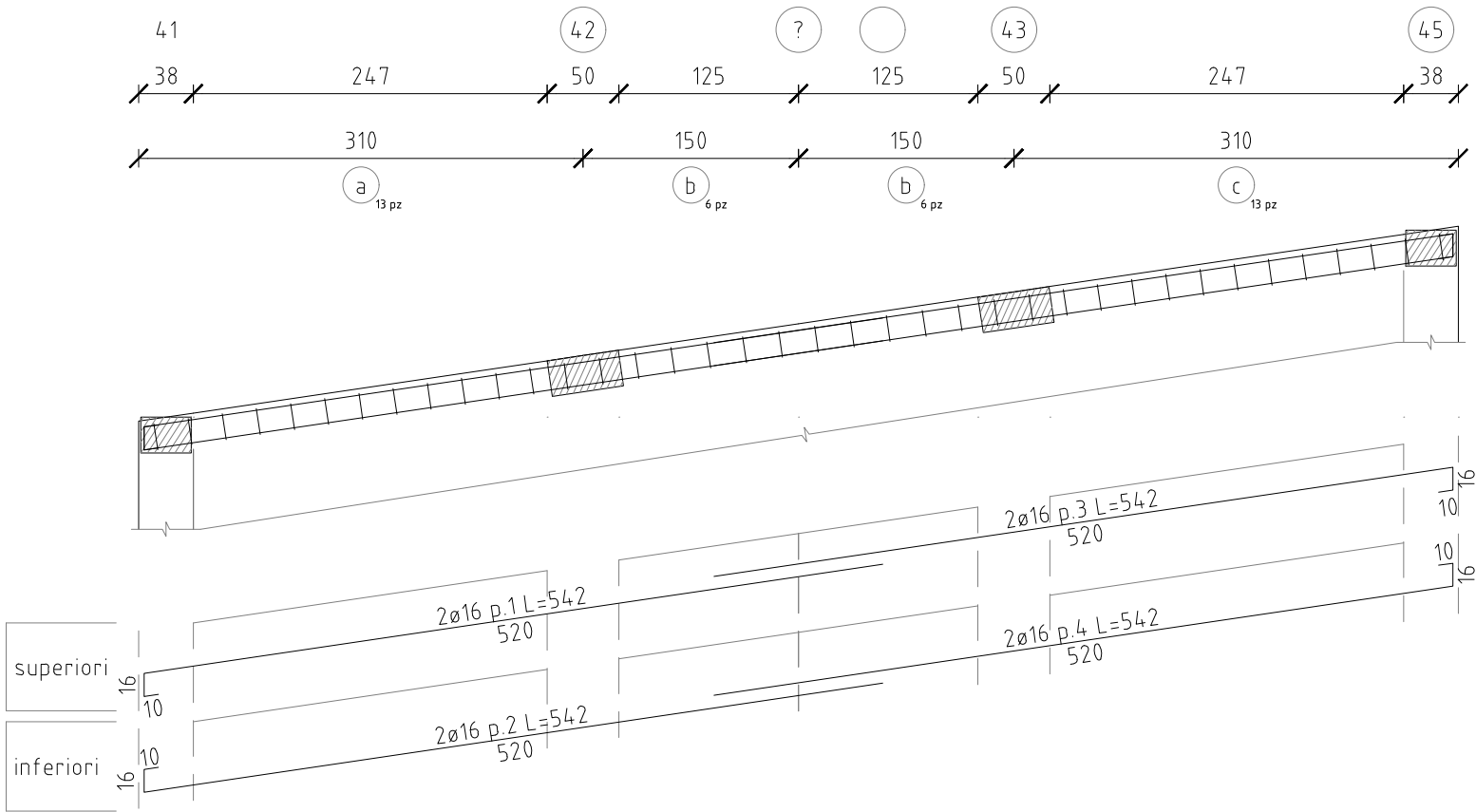
Trave a "Falda 1" 27-31

scala 1/50



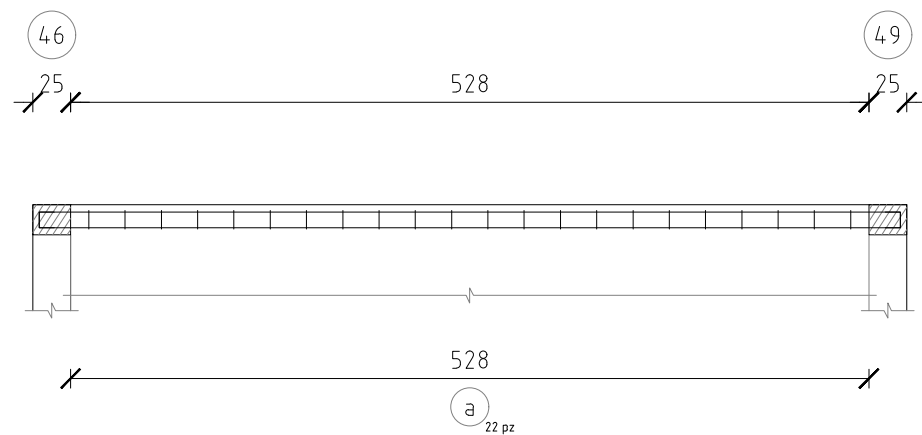
Trave a "Falda 1" 41-45

scala 1/50



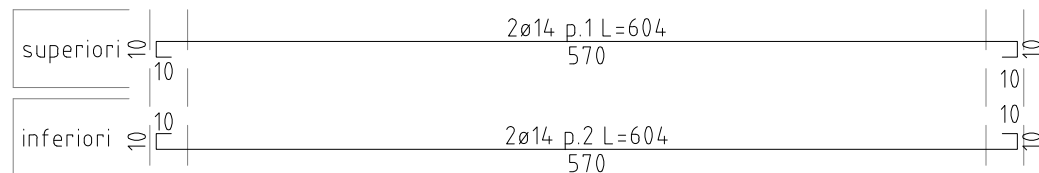
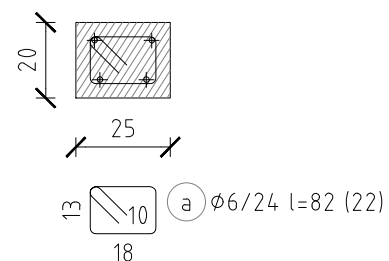
### Trave a "Gronda1" 46-49

scala 1/50



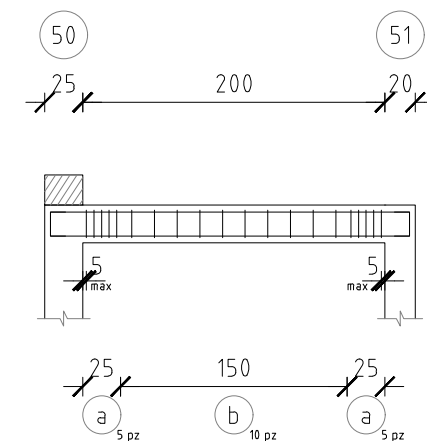
### Sezione 46-49

scala 1/20



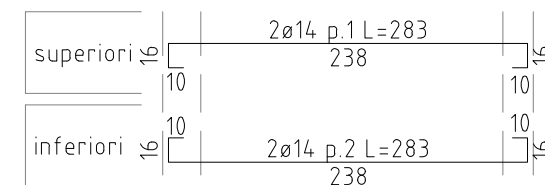
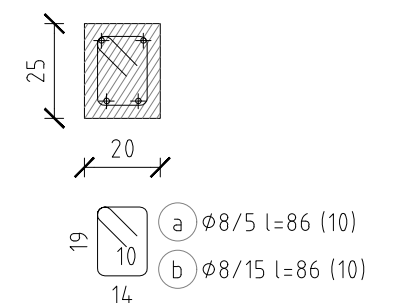
### Trave a "Gronda1" 50-51

scala 1/50



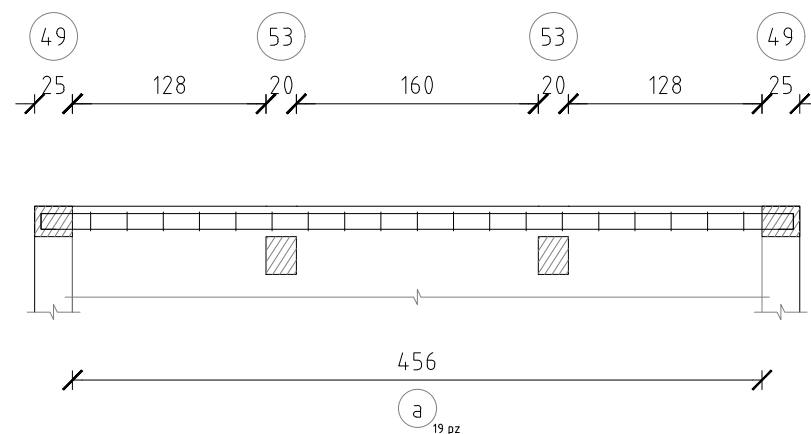
### Sezione 50-51

scala 1/20



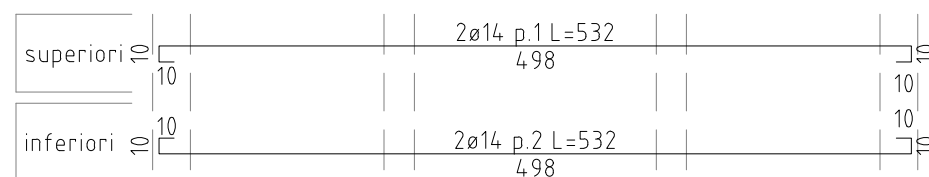
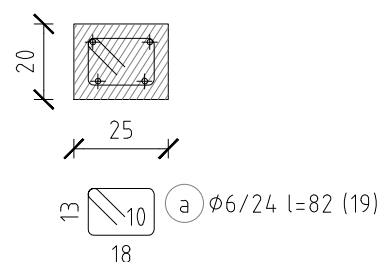
### Trave a "Gronda1" 49-49

scala 1/50



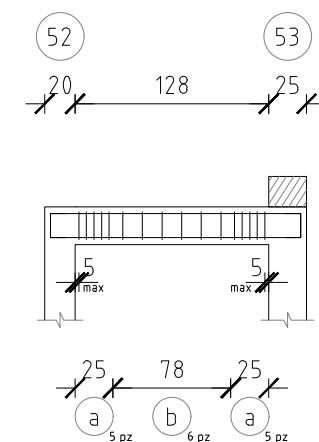
### Sezione 49-49

scala 1/20



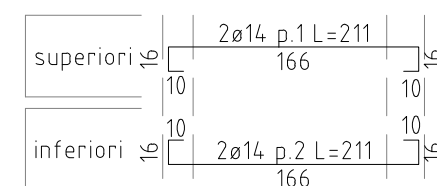
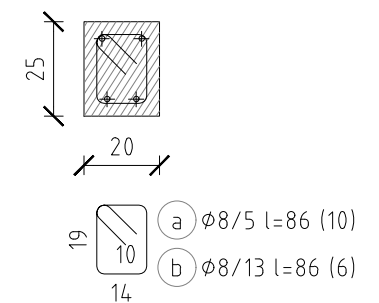
### Trave a "Gronda1" 52-53

scala 1/50



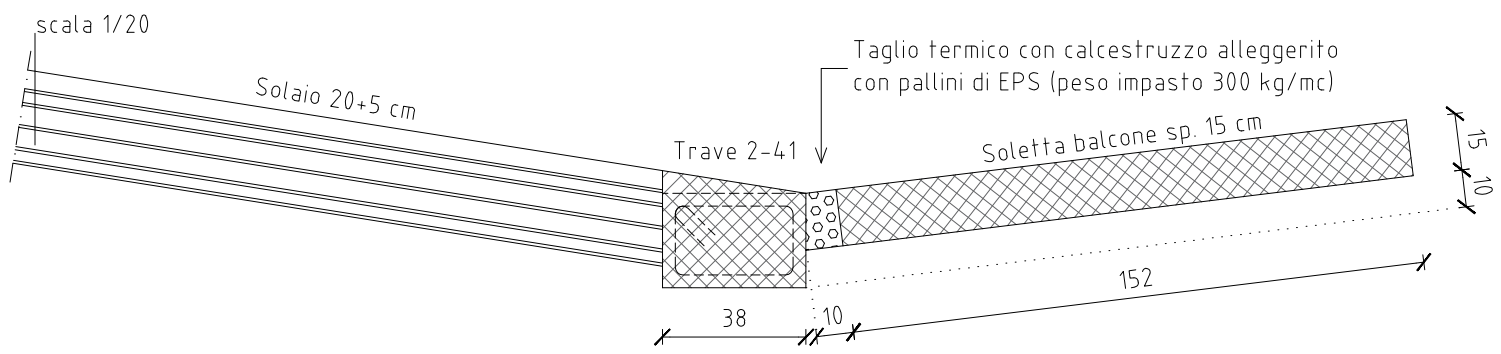
### Sezione 52-53

scala 1/20

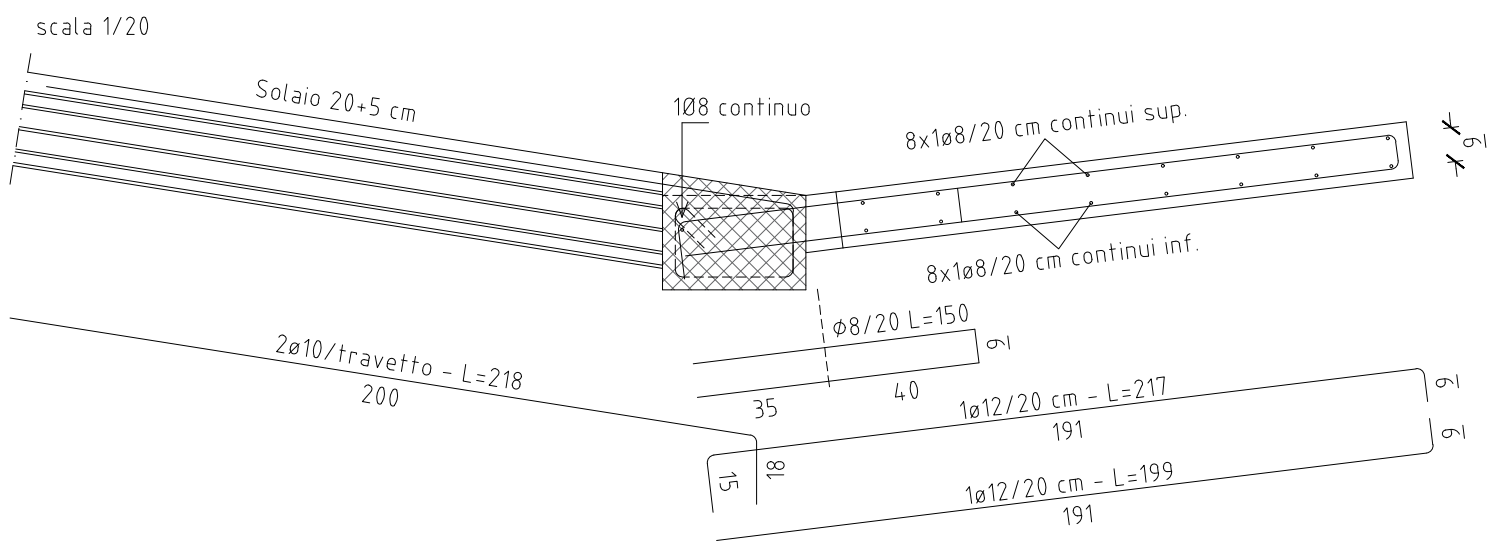


COPERTURA BALCONE

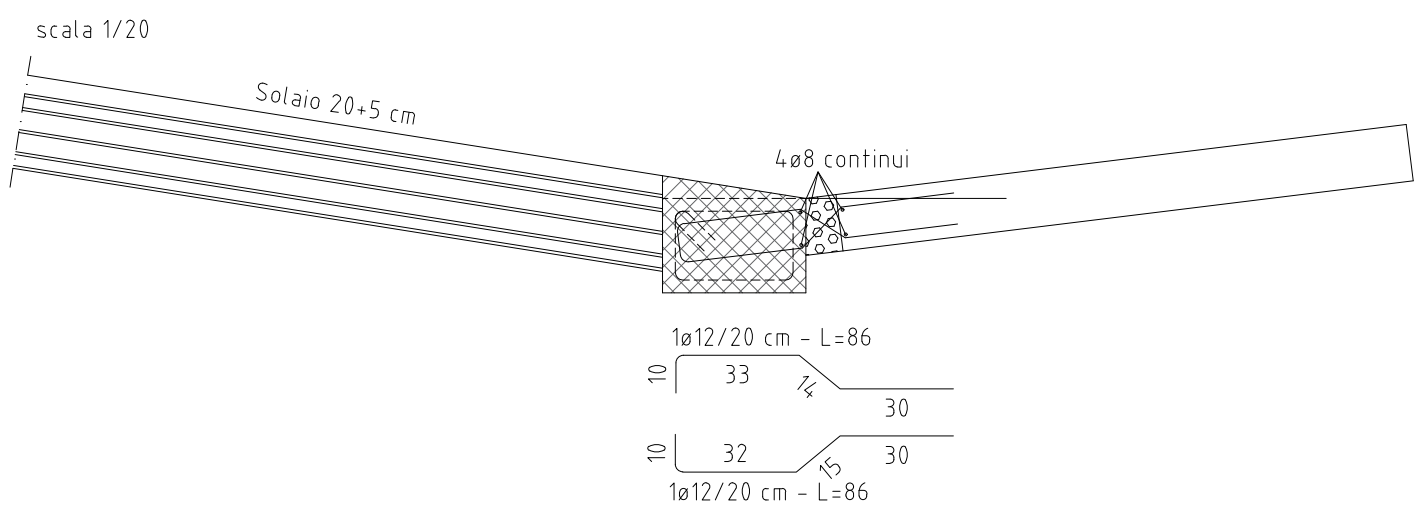
Geometria balcone a sbalzo



Armatura balcone a sbalzo (flessione)

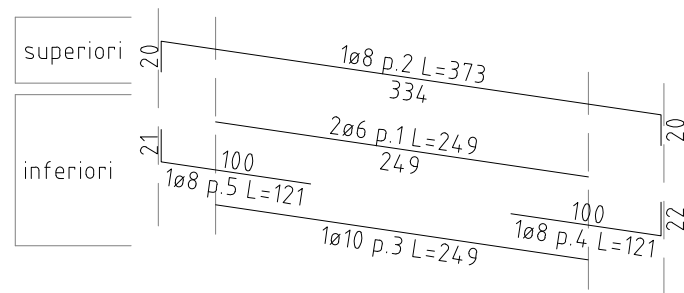
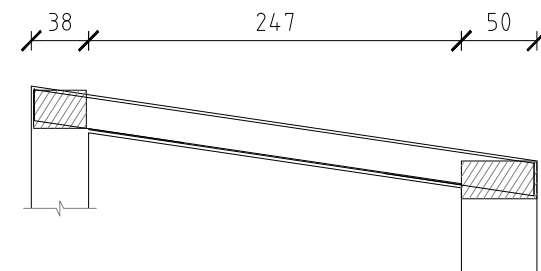


Armatura balcone a sbalzo (flessione)

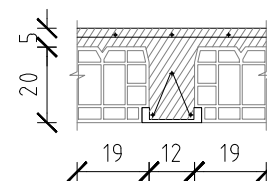


# Sez A solaio "Falda 1"

scala 1/50

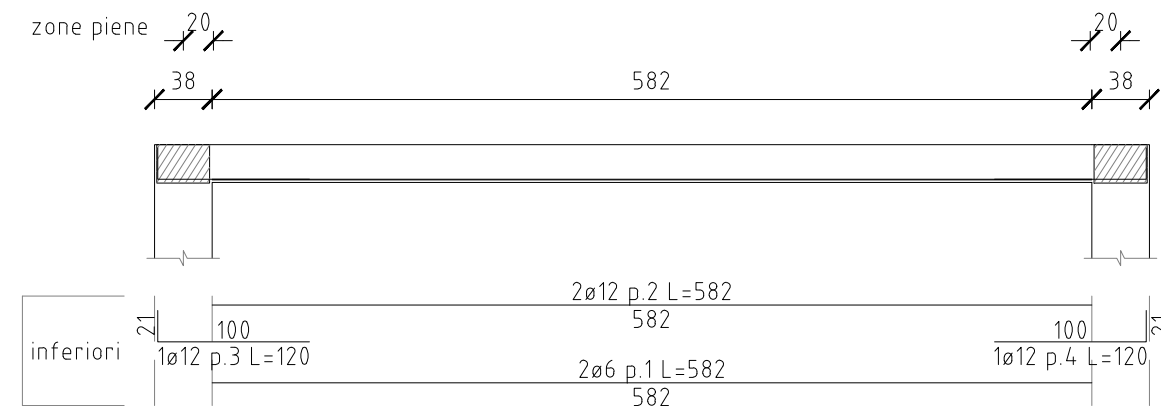


## Sezione scala 1/20

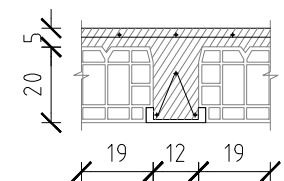


# Sez B solaio "Falda 1"

scala 1/50

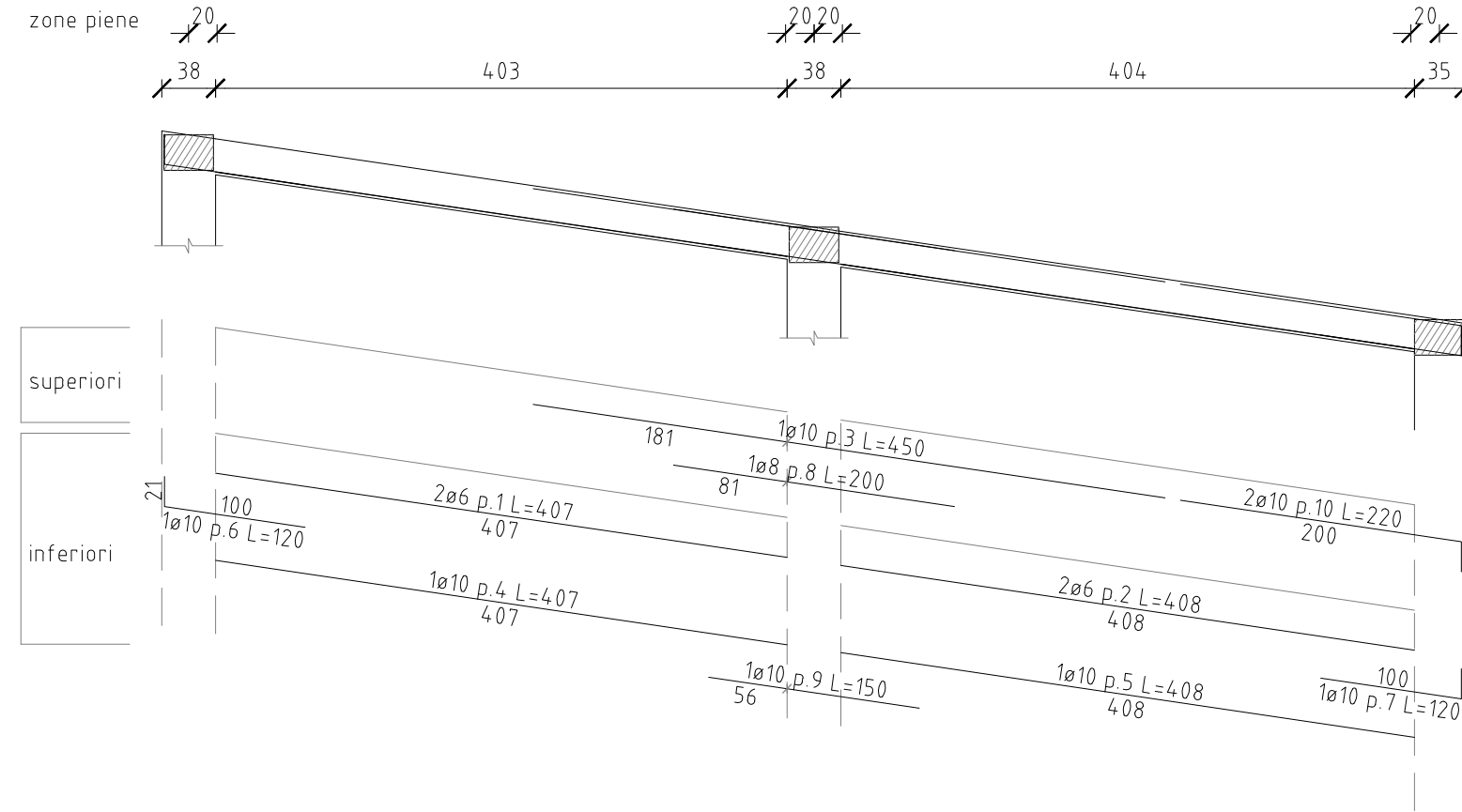


## Sezione scala 1/20

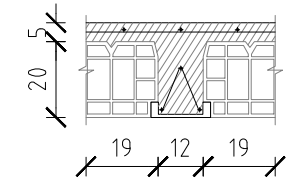


# Sez D-E solaio "Falda 1"

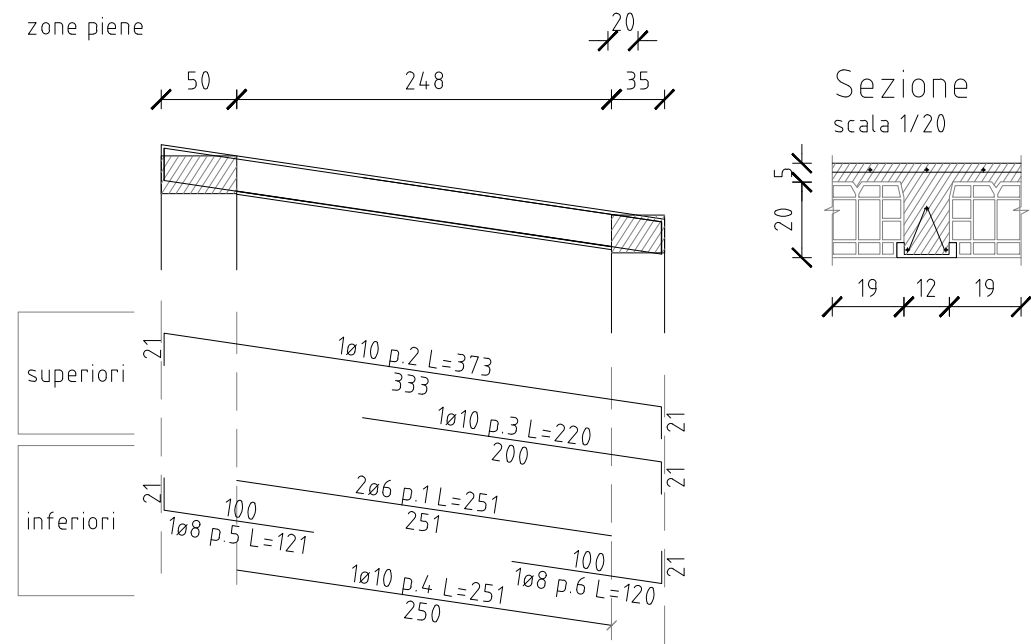
scala 1/50



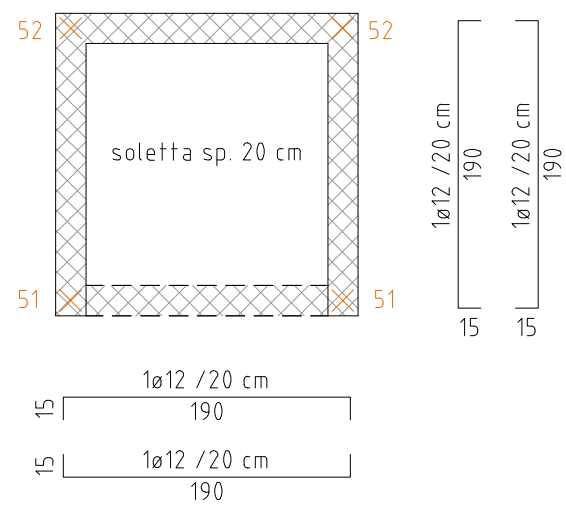
## Sezione scala 1/20



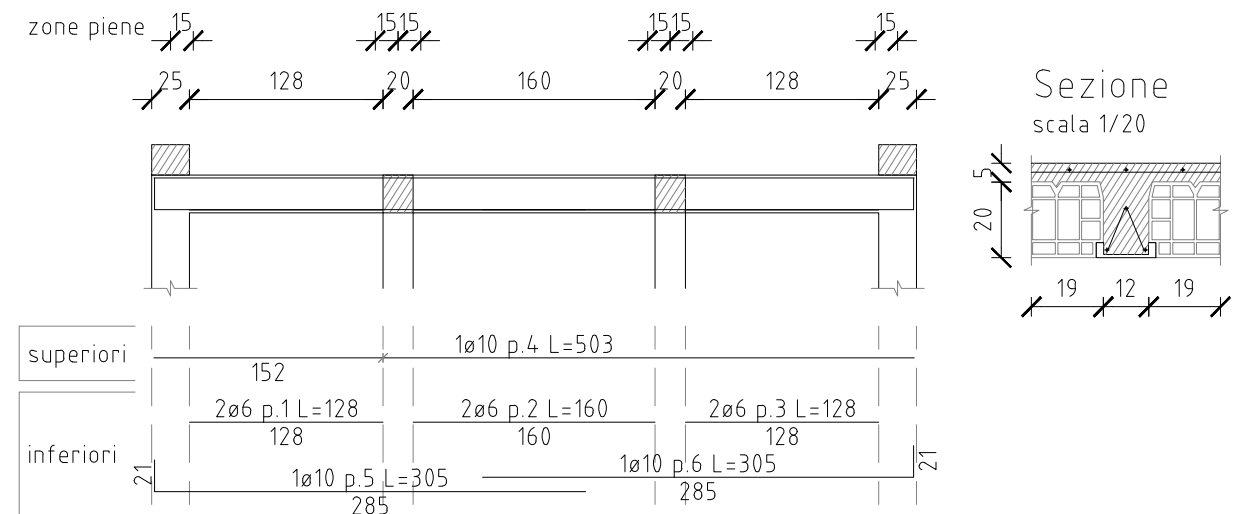
Sez C solaio "Falda 1"  
scala 1/50



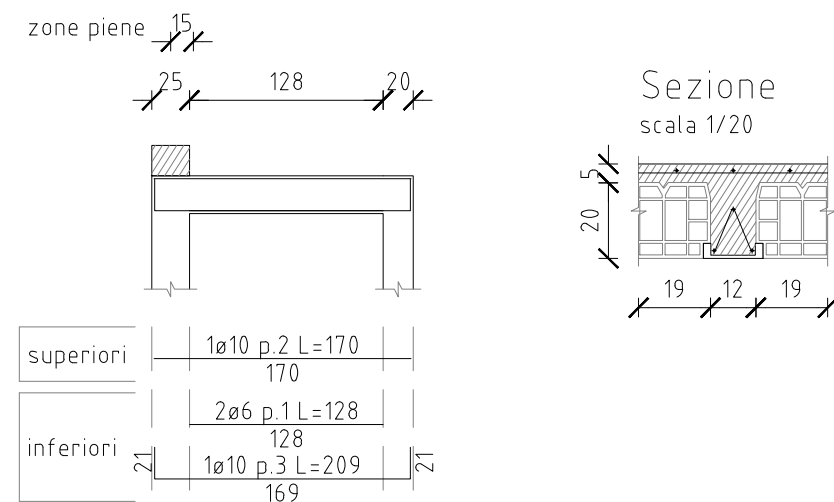
Soletta copertura vano ascensore  
scala 1/50



Sez F solaio "Gronda1"  
scala 1/50

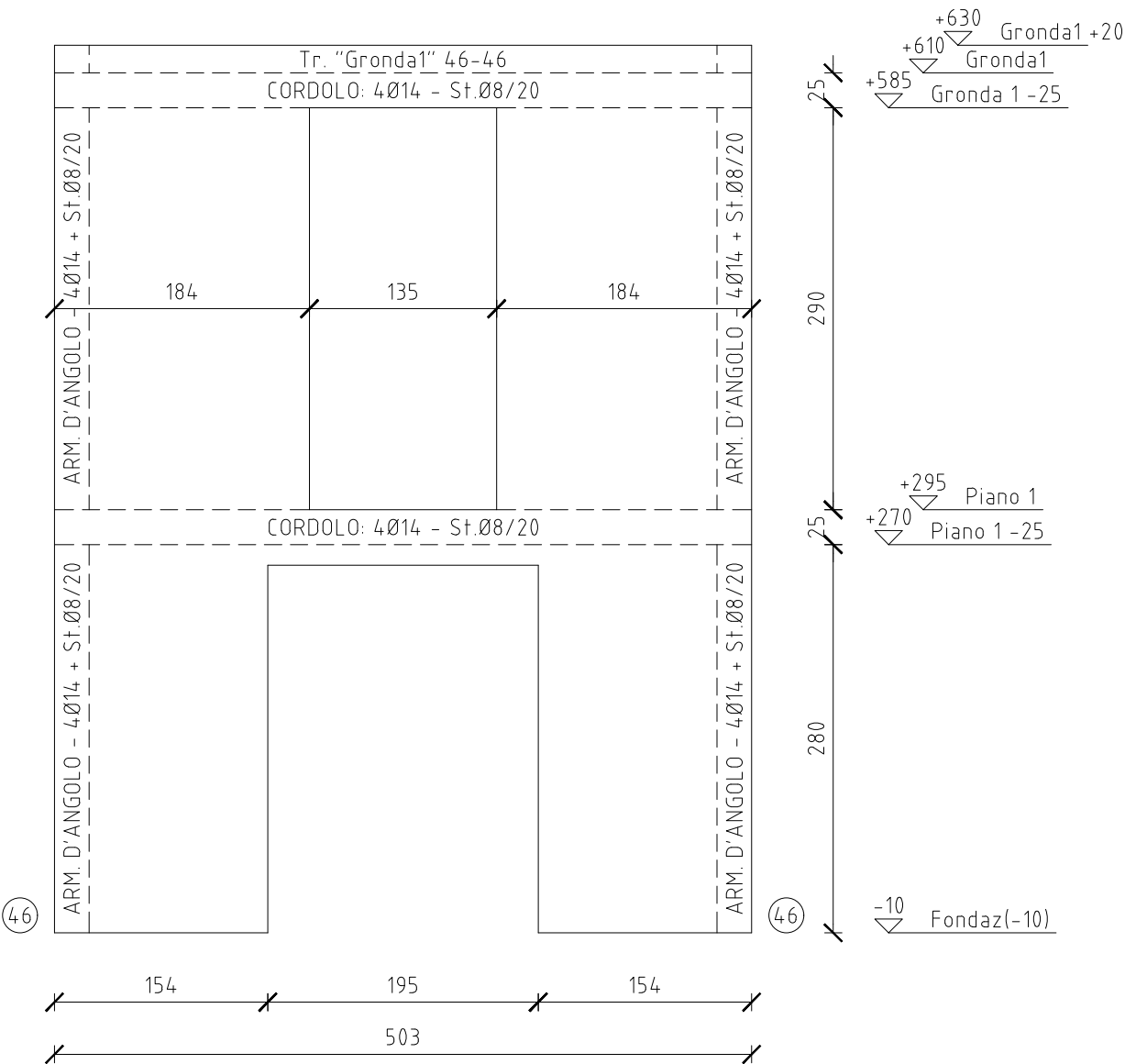


Sez G solaio "Gronda1"  
scala 1/50

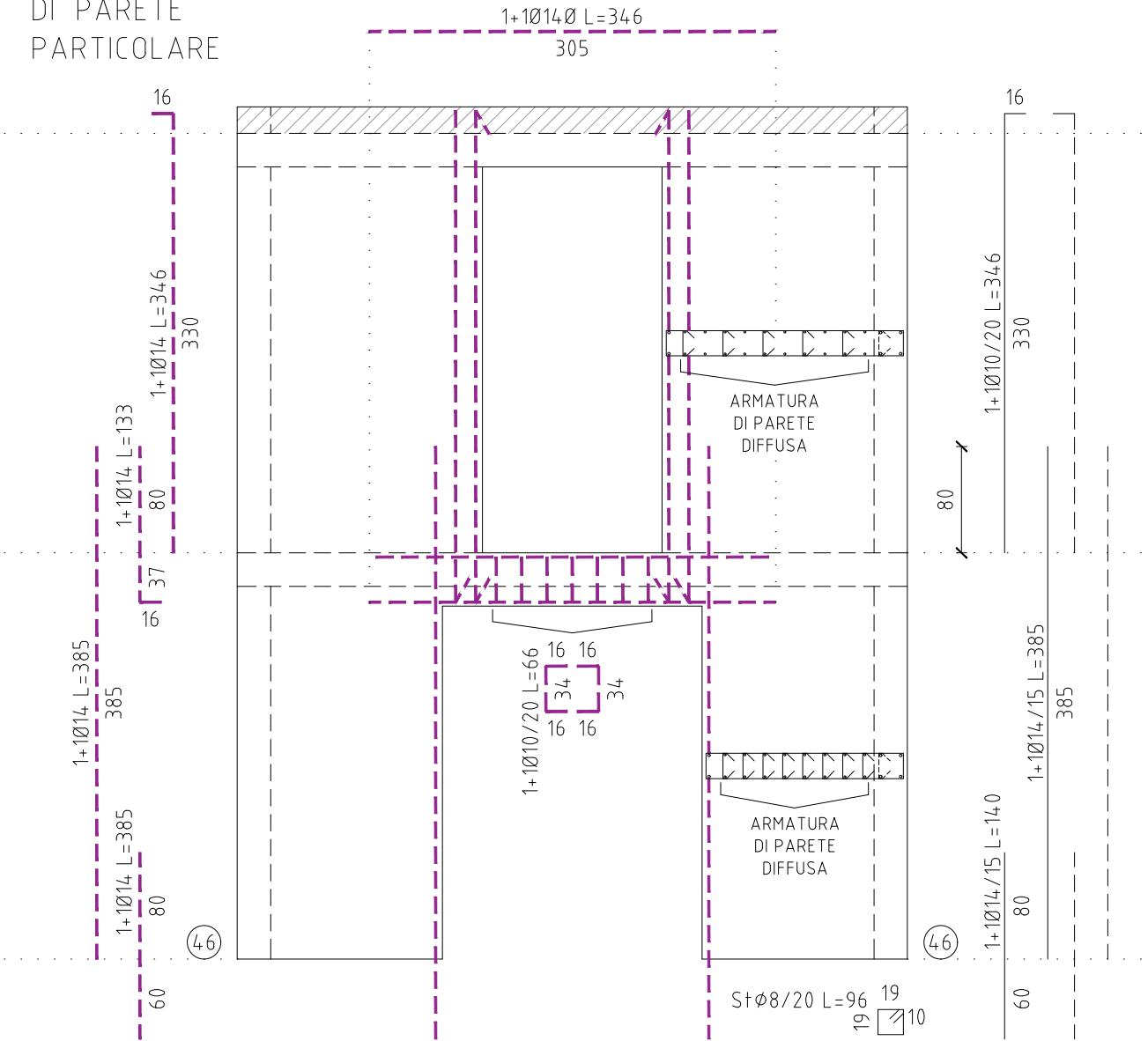


Parete Fondaz(-10) - Gronda1 fili 46-46

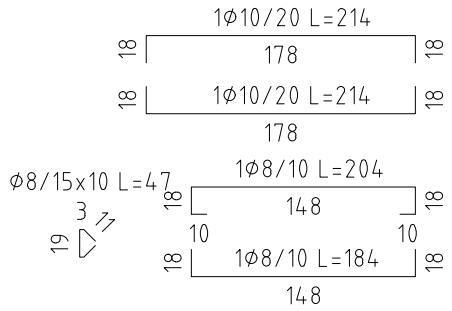
scala 1/50



ARMATURA  
DI PARETE  
PARTICOLARE

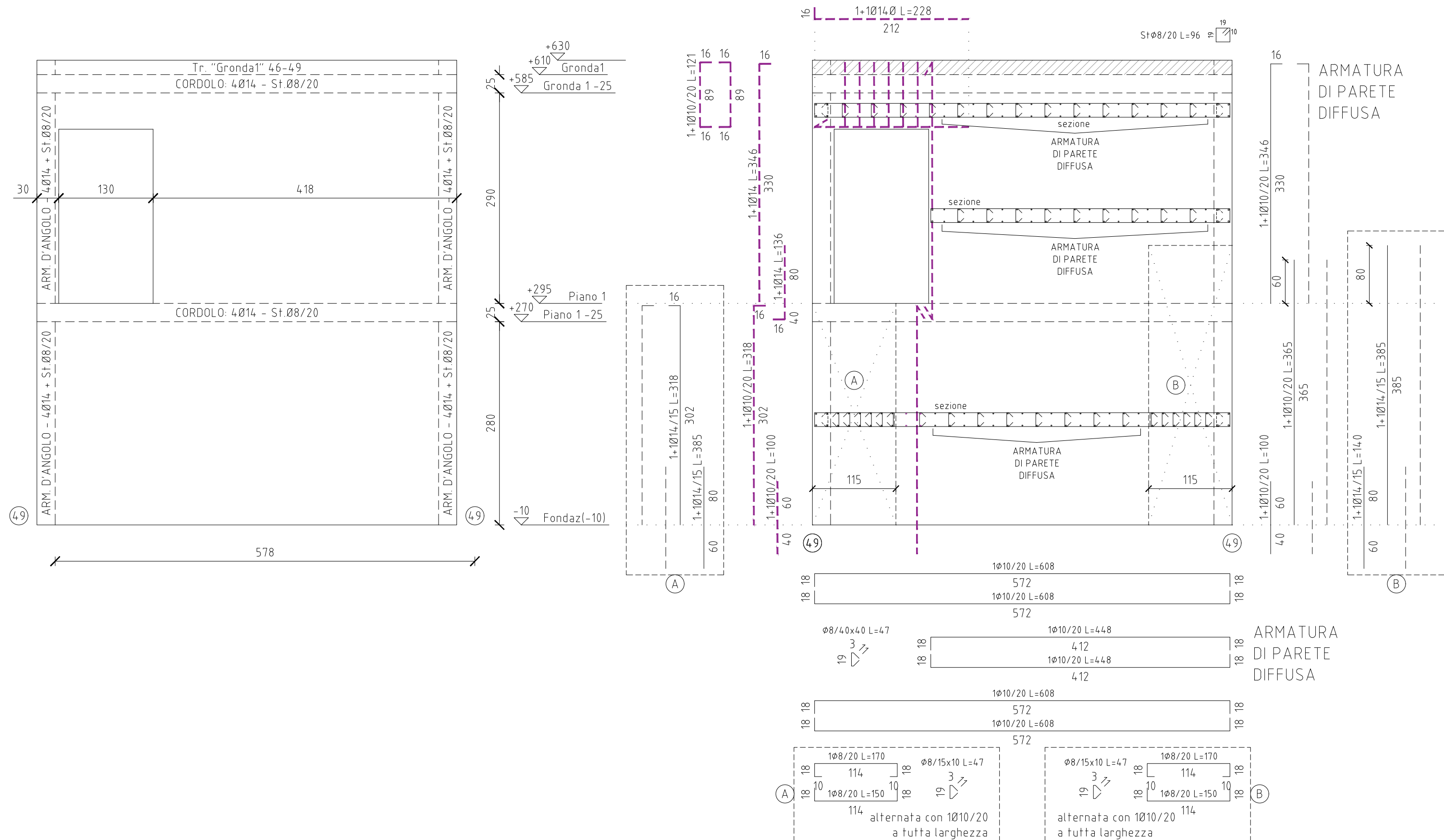


ARMATURA  
DI PARETE  
PARTICOLARE



ARMATURA  
DI PARETE  
DIFFUSA

Parete Fondaz(-10) - Gronda1 fili 46-49  
scala 1/50

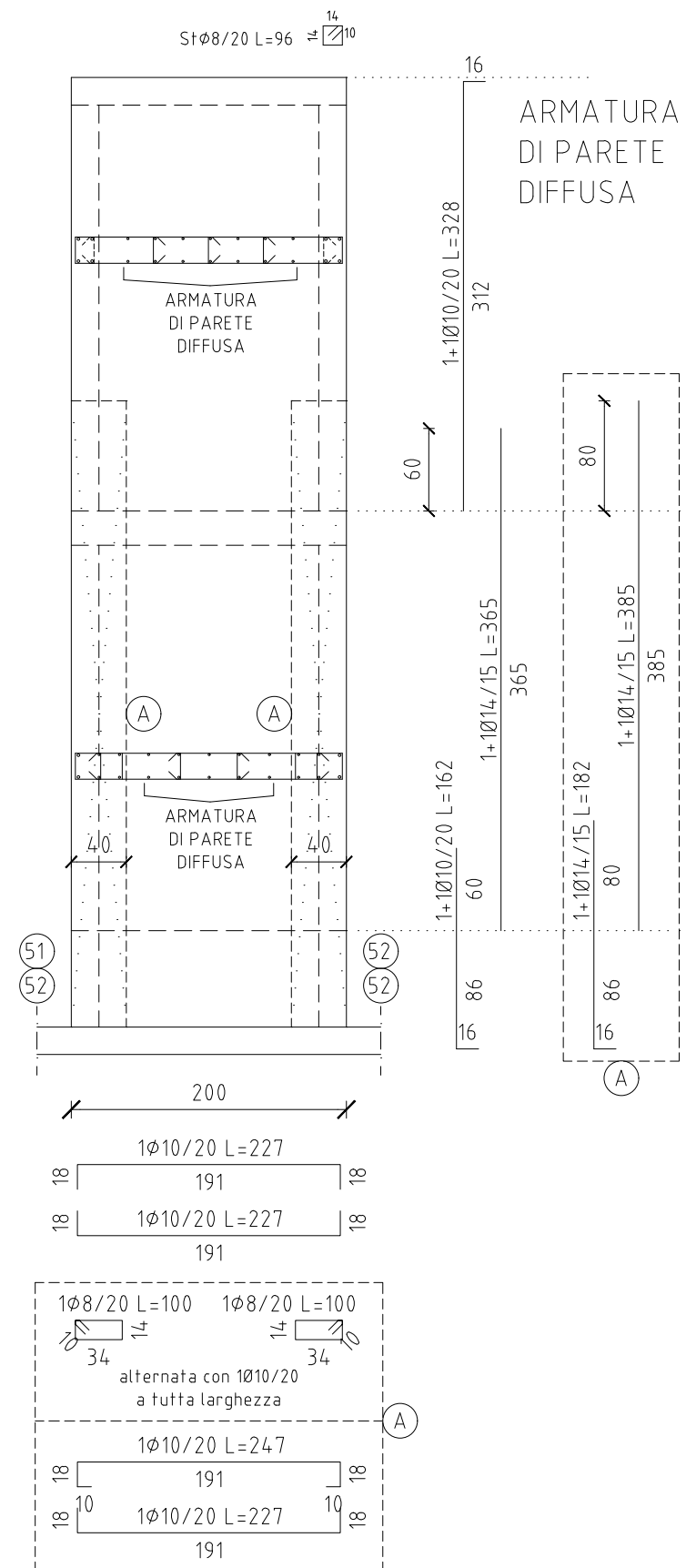




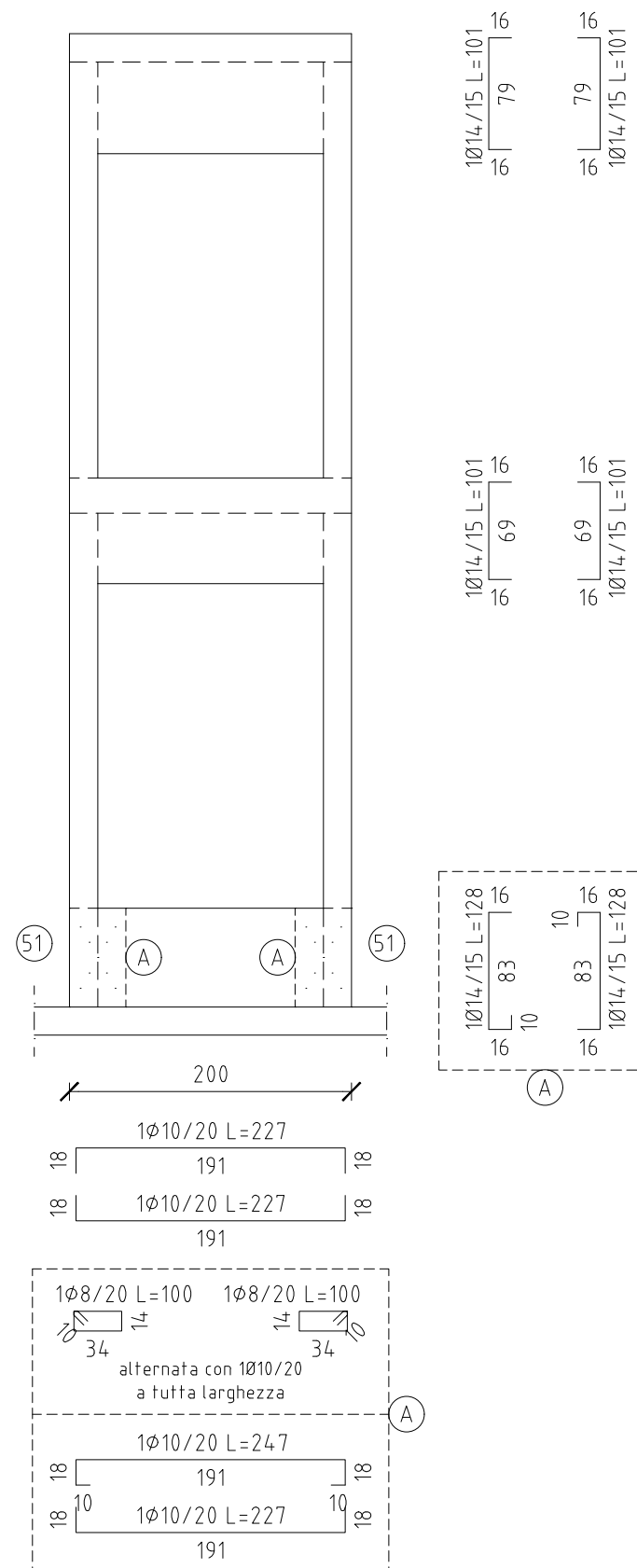
scala 1/50



scala 1/50



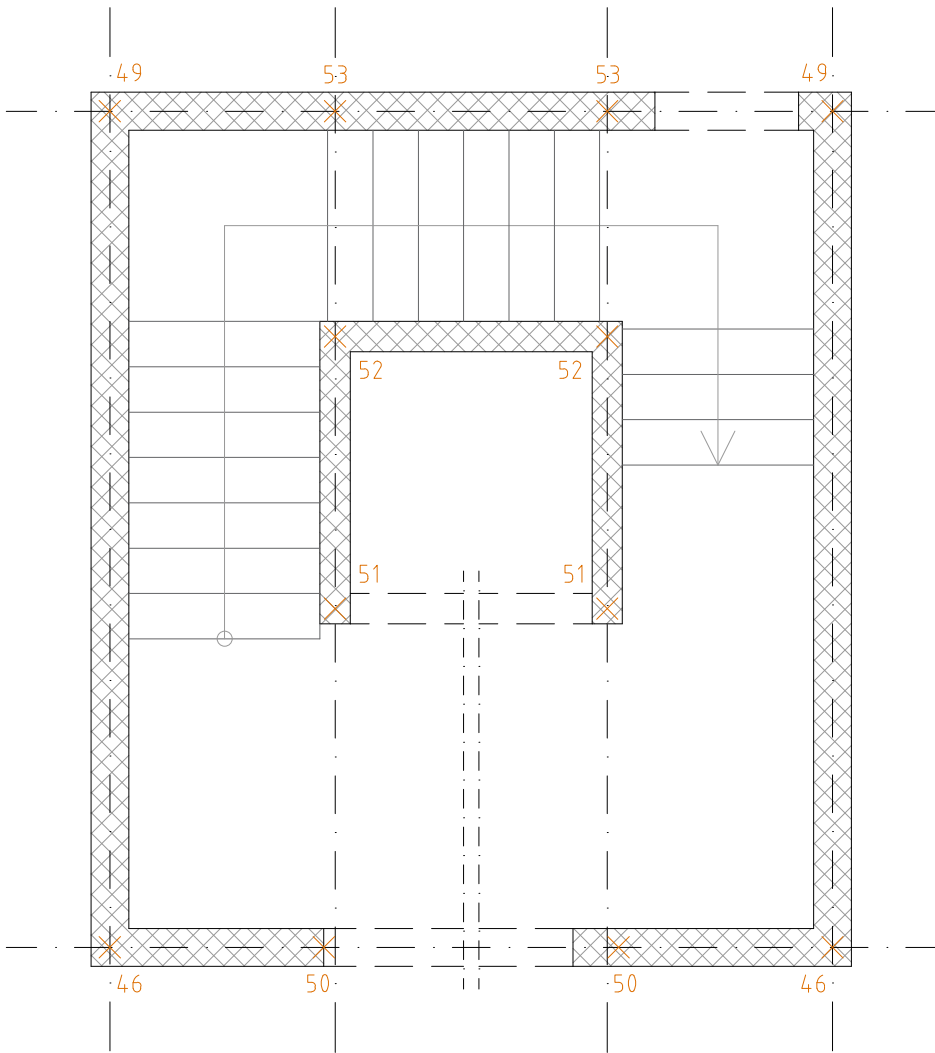
scala 1/50



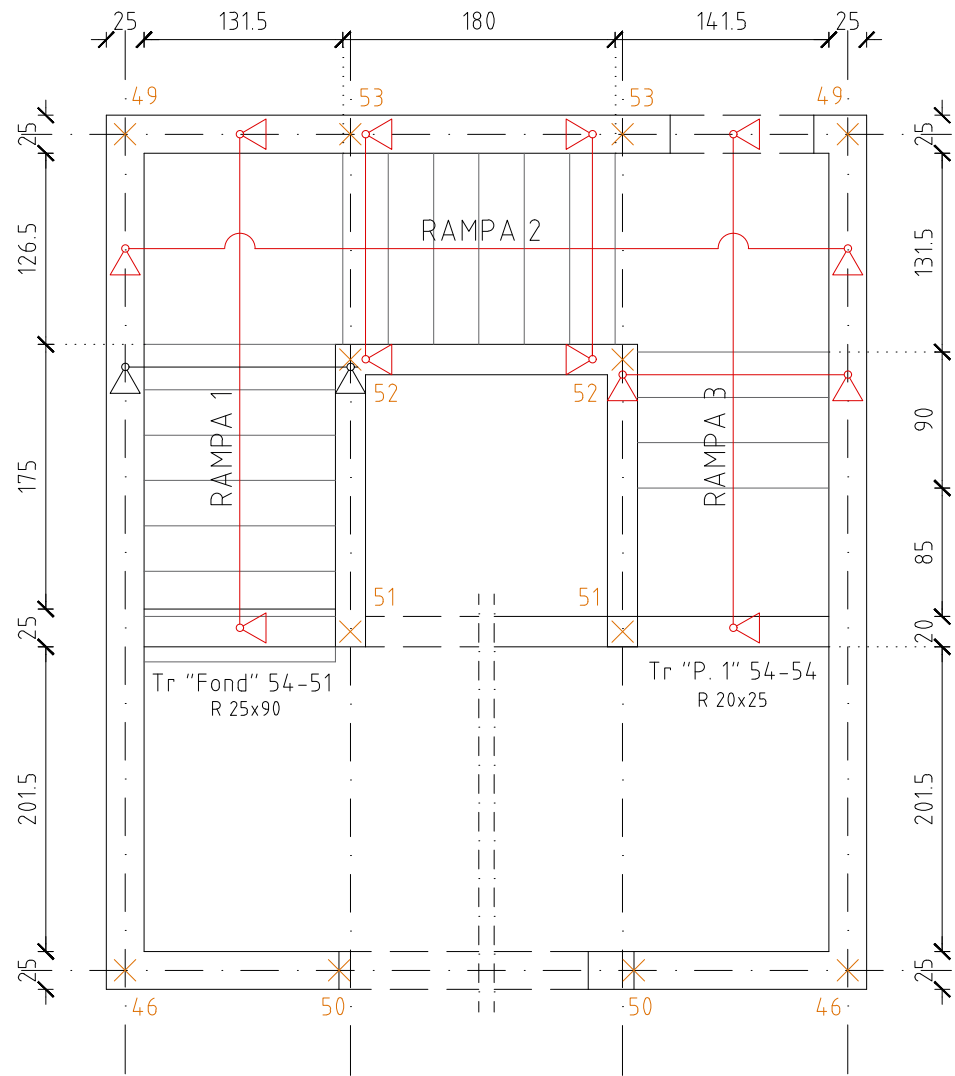
Rampa scale con struttura in c.a.

scala 1/50

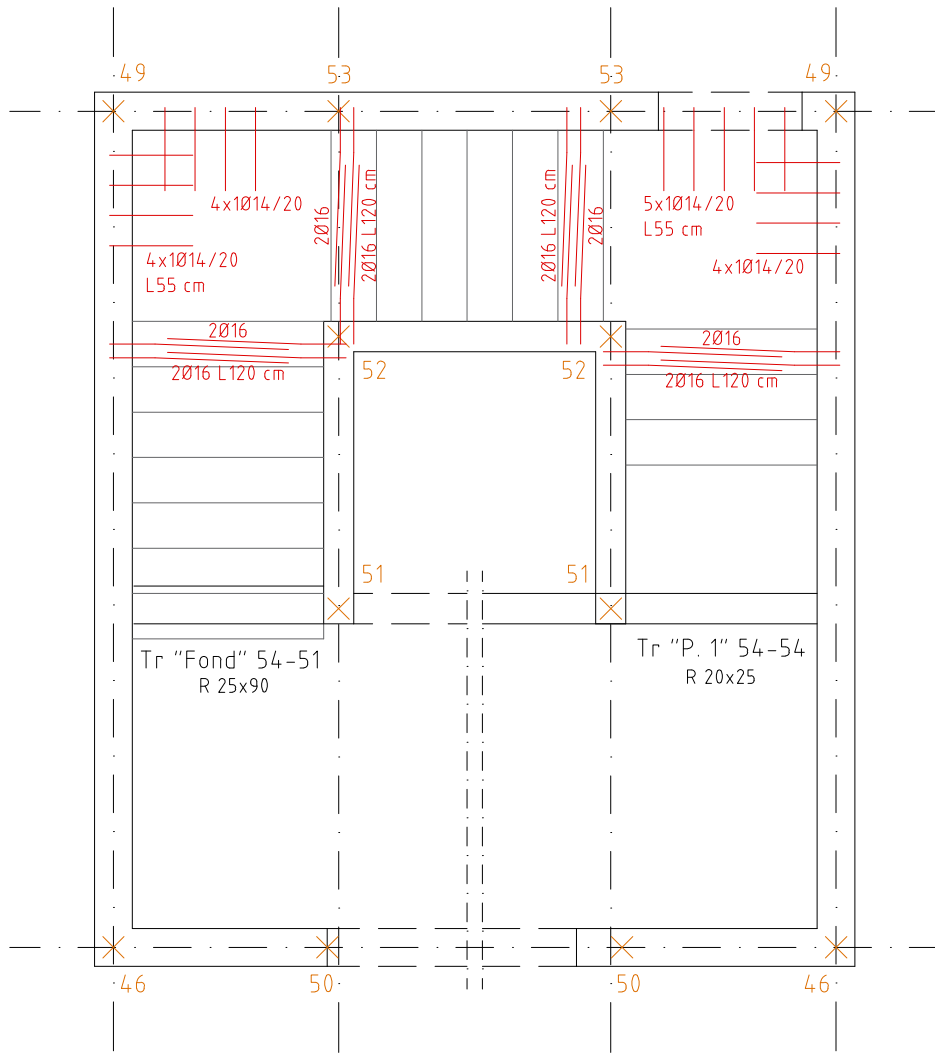
Pianta del vano scala



Schema statico delle rampe e appoggi



Schema delle connessioni per appoggio a parete



Dettaglio armature della rampa scale in c.a.  
scala 1/25

