

Provincia di Cosenza

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# Progetto Esecutivo di Adeguamento dell'I.S.A. di Luzzi (CS)

Lat. 39,4550 Long. 16,2666

## Tav. 7.0

### pilastri da rinforzare Corpo A

Il Progettista

Ing. Eugenio Otranto

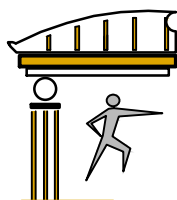
Il R.U.P.

Ing. Giulia A. Morrone

Il D. L.

Ing. Gianluca Salvatore Straface

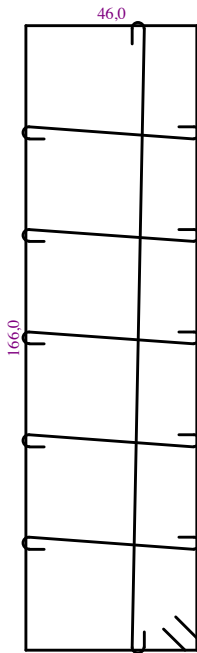
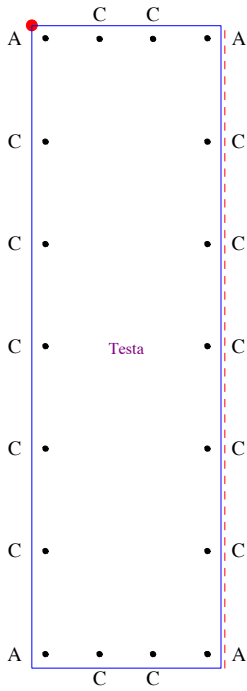
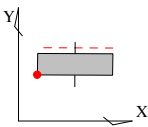
L'Impresa



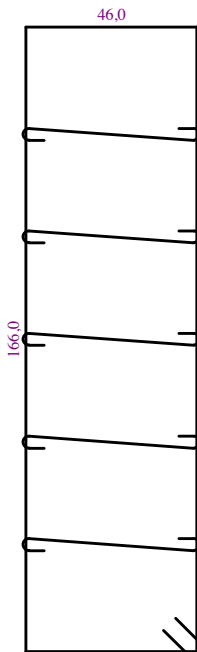
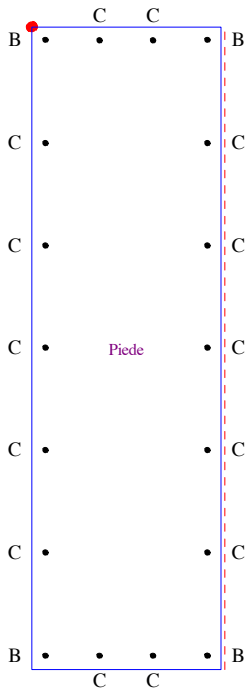
**ing. Eugenio Otranto**

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eugenio.otranto@gmail.com - [www.otrantoengineering.it](http://www.otrantoengineering.it)

Pilastro 1 (liv.0-2), q.piede 0.00  
 Scala 1:20  
 Sezione ret 170x50 luce 305



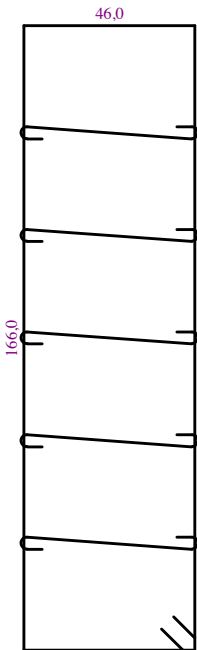
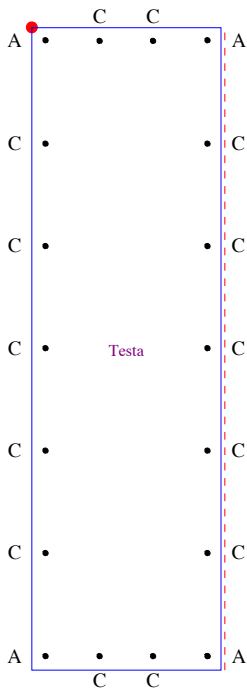
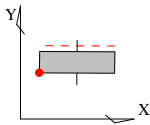
ø8/15 al nodo (luce 70)  
 ø8/15 in mezzeria (luce 5)



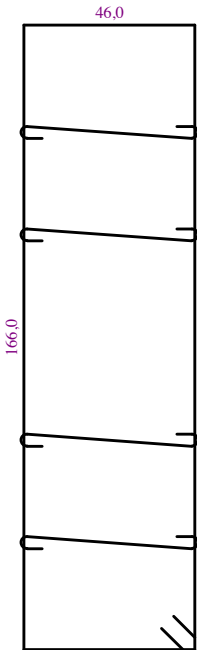
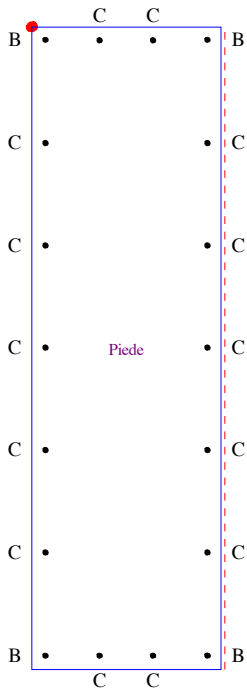
ø8/15 agli estremi (luce 270+150)

	Ferri	Z	L	Lt	Staffe	T	L	Lt
*A:	4ø16	162	420	1680	33ø8		444	14652
B:	4ø16	4	245	980	165ø8		69	11385
C:	14ø16	4	580	8120	4ø8		189	756

Pilastro 1 (liv.2-4), q.piede 4.95  
 Scala 1:20  
 Sezione ret 170x50 luce 285



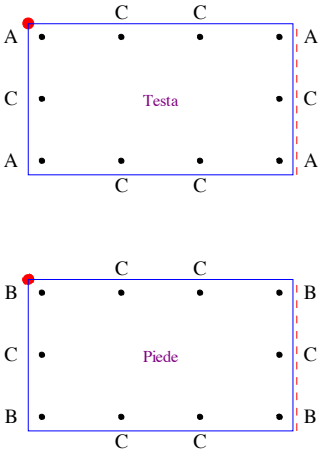
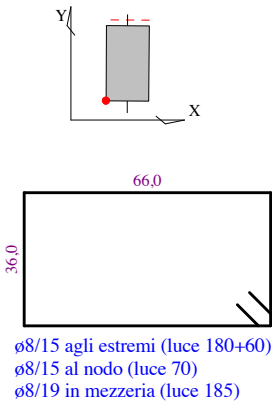
ø8/15 al nodo (luce 65)  
 ø8/15 in mezzeria (luce 15)




ø8/15 agli estremi (luce 135+135)

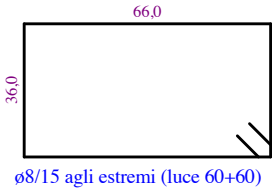
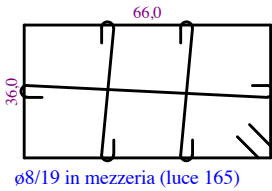
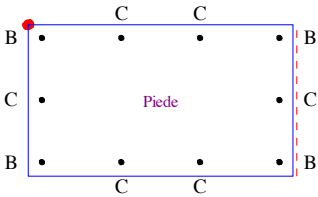
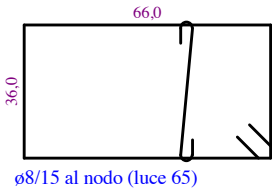
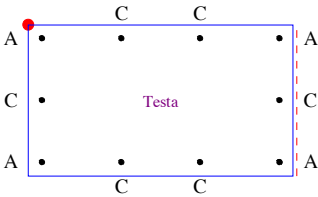
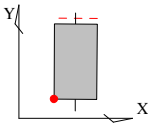
	Ferri	Z	L	Lt	Staffe	T	L	Lt
* A:	4ø16	92	257	1028	24ø8		444	10656
B:	4ø16	0	180	720	101ø8		69	6969
C:	14ø16	0	350	4900				

Pilastro 2 (liv.0-2), q.piede 0.00  
 Scala 1:20  
 Sezione ret 40x70 luce 305



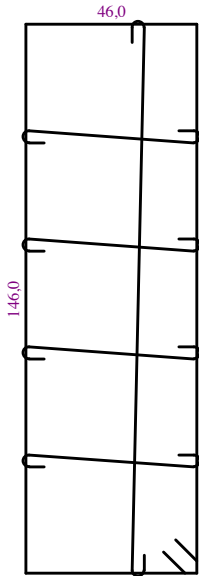
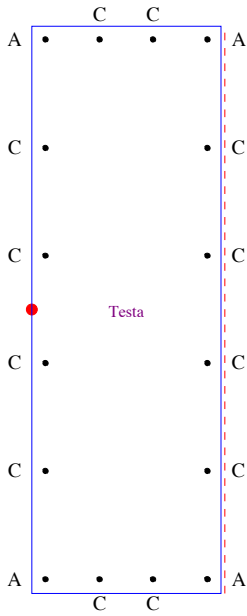
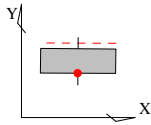
	Ferri	Z	L	Lt	Staffe	T	L	Lt
* A:	4ø16	162	420	1680	30ø8		224	6720
B:	4ø16	4	245	980				
C:	6ø16	4	580	3480				

Pilastro 2 (liv.2-4), q.piede 4.95  
 Scala 1:20  
 Sezione ret 40x70 luce 285

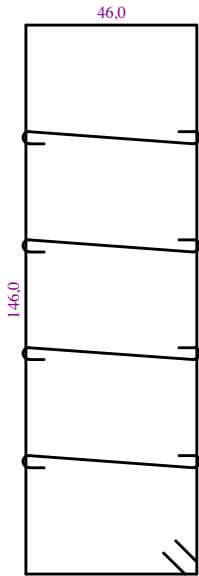
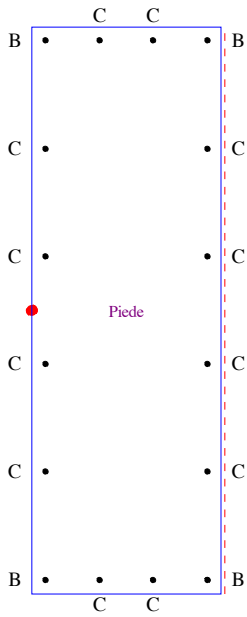


	Ferri	Z	L	Lt	Staffe	T	L	Lt
* A:	4ø16	92	257	1028	21ø8		224	4704
B:	4ø16	0	180	720	8ø8		89	712
C:	6ø16	0	350	2100	20ø8		59	1180

Pilastro 3 (liv.0-2), q.piede 0.00  
 Scala 1:20  
 Sezione ret 150x50 luce 305



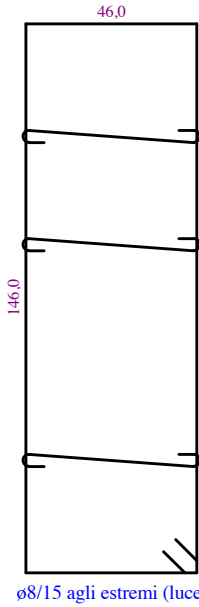
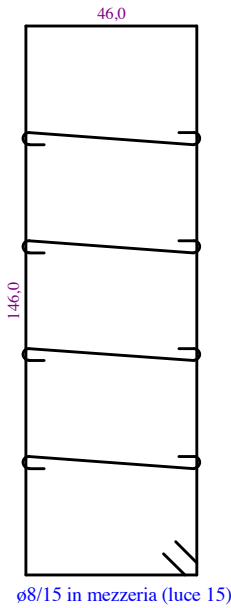
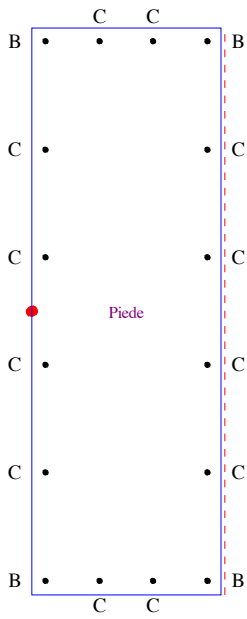
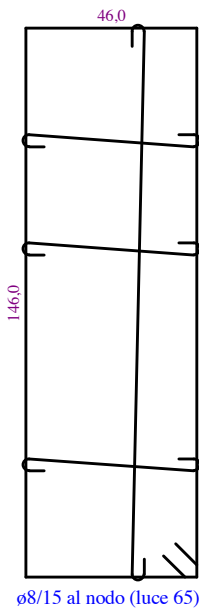
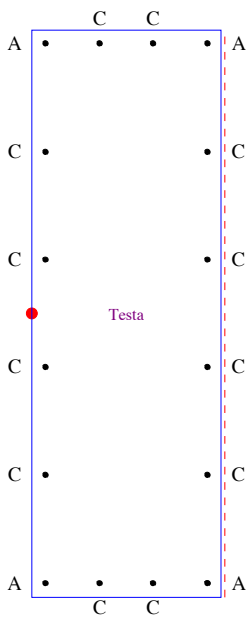
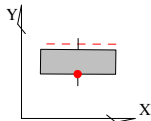
ø8/15 in mezzeria (luce 1)



ø8/15 agli estremi (luce 272+152)  
 ø8/15 al nodo (luce 70)

	Ferri	Z	L	Lt	Staffe	T	L	Lt
* A:	4ø16	162	420	1680	33ø8	□	404	13332
B:	4ø16	4	245	980	132ø8	↖	69	9108
C:	12ø16	4	580	6960				

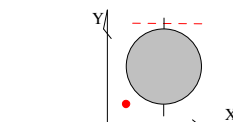
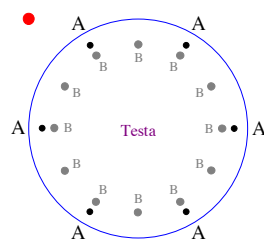
Pilastro 3 (liv.2-4), q.piede 4.95  
Scala 1:20  
Sezione ret 150x50 luce 285



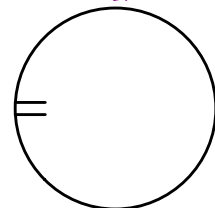
# Pilastro 4 (liv.0-2), q.piede 0.00

Scala 1:20

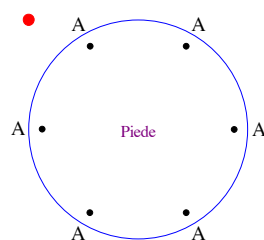
Sezione cir 58 luce 305



54



ø8/15 agli estremi (luce 195+75)  
ø8/15 al nodo (luce 70)  
ø8/19 in mezzeria (luce 155)

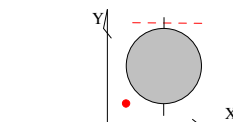
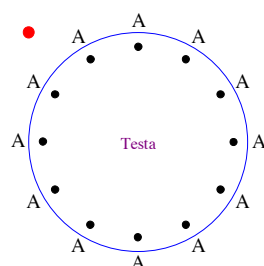


	Ferri	Z	L	Lt	Staffe	T	L	Lt
A:	6ø16	4	580	3480	31ø8	⊙	191	5921
B:	12ø20	390	455	5460				

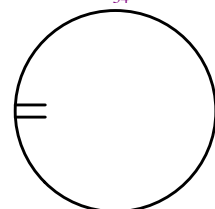
# Pilastro 4 (liv.2-4), q.piede 4.95

Scala 1:20

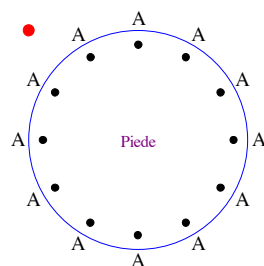
Sezione cir 58 luce 285



54



ø8/15 agli estremi (luce 75+75)  
ø8/15 al nodo (luce 65)  
ø8/19 in mezzeria (luce 135)



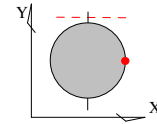
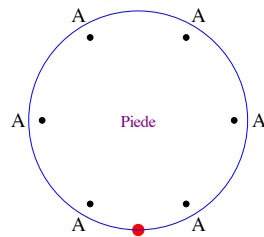
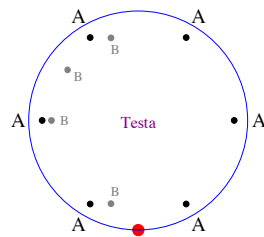
	Ferri	Z	L	Lt	Staffe	T	L	Lt
A:	12ø20-105	455	5460	5460	22ø8	⊙	191	4202



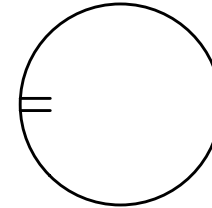
### Pilastro 6 (liv.0-2), q.piede 0.00

Scala 1:20

Sezione cir 58 luce 305



54



ø8/15 agli estremi (luce 195+75)

ø8/15 al nodo (luce 70)

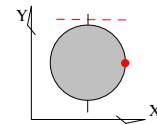
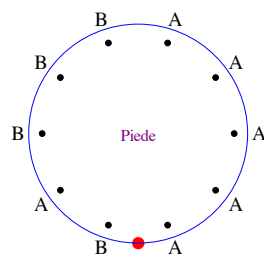
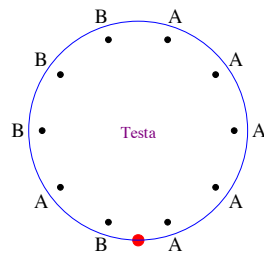
ø8/19 in mezzeria (luce 155)

	Ferri	Z	L	Lt	Staffe	T	L	Lt
A:	6ø16	4	580	3480	31ø8	⊖	191	5921
B:	4ø16	410	435	1740				

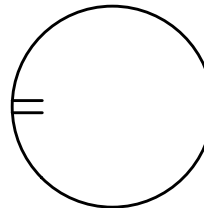
### Pilastro 6 (liv.2-4), q.piede 4.95

Scala 1:20

Sezione cir 58 luce 285



54



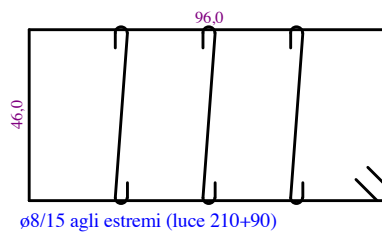
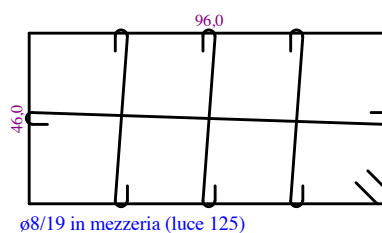
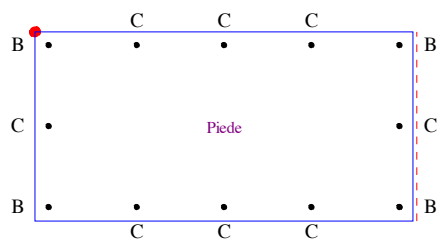
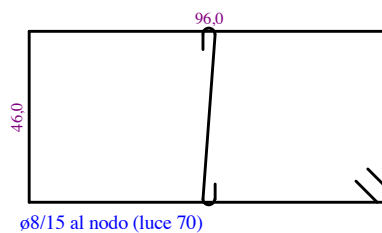
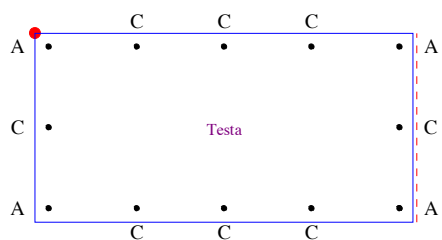
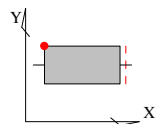
ø8/15 agli estremi (luce 75+75)

ø8/15 al nodo (luce 65)

ø8/19 in mezzeria (luce 135)

	Ferri	Z	L	Lt	Staffe	T	L	Lt
A:	6ø16	0	350	2100	22ø8	⊖	191	4202
B:	4ø16	-85	435	1740				

Pilastro 13 (liv.0-2), q.piede 0.00  
 Scala 1:20  
 Sezione ret 50x100 luce 305

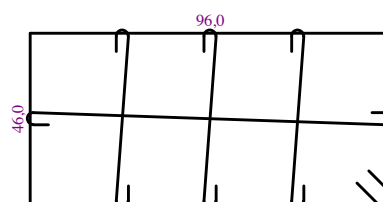
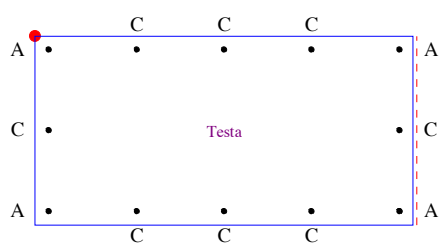
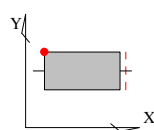


	Ferri	Z	L	Lt	Staffe	T	L	Lt
A:	4ø16	162	420	1680	31ø8	□	304	9424
B:	4ø16	4	245	980	6ø8	→	119	714
C:	8ø16	4	580	4640	85ø8	↓	69	5865

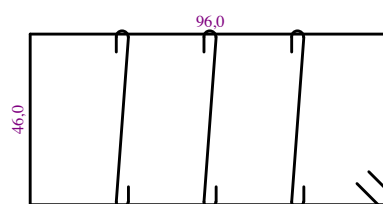
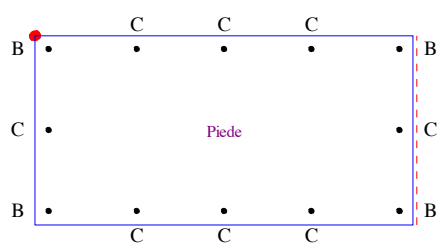
# Pilastro 13 (liv.2-4), q.piede 4.95

Scala 1:20

Sezione ret 50x100 luce 285



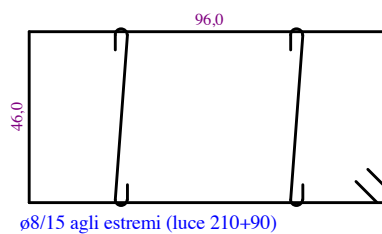
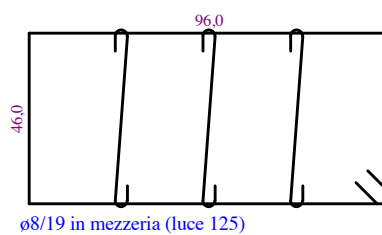
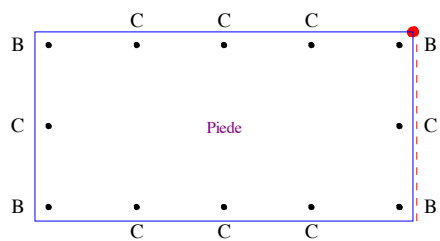
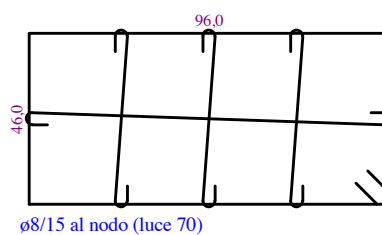
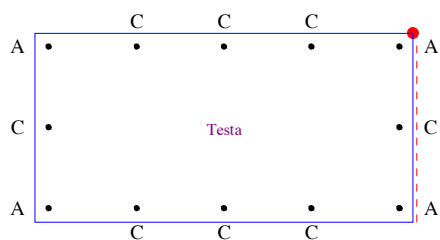
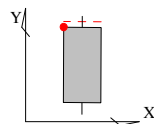
ø8/15 al nodo (luce 65)  
ø8/15 in mezzeria (luce 45)



ø8/15 agli estremi (luce 120+120)

	Ferri	Z	L	Lt	Staffe	T	L	Lt
A:	4ø16	92	257	1028	24ø8	□	304	7296
B:	4ø16	0	180	720	7ø8	↔	119	833
C:	8ø16	0	350	2800	72ø8	↓	69	4968

Pilastro 14 (liv.0-2), q.piede 0.00  
 Scala 1:20  
 Sezione ret 50x100 luce 305

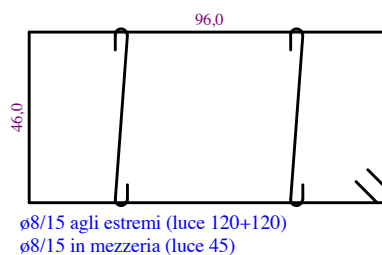
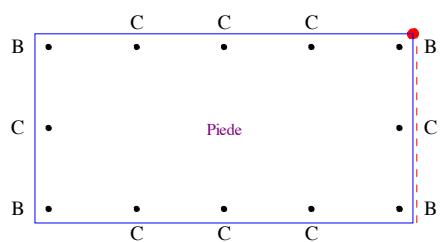
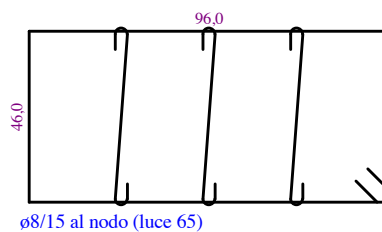
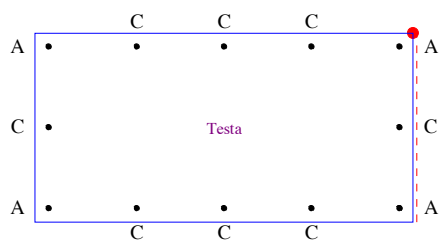
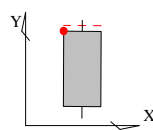


	Ferri	Z	L	Lt	Staffe	T	L	Lt
A:	4ø16	162	420	1680	31ø8	□	304	9424
B:	4ø16	4	245	980	4ø8	↗	119	476
C:	8ø16	4	580	4640	72ø8	↓	69	4968

# Pilastro 14 (liv.2-4), q.piede 4.95

Scala 1:20

Sezione ret 50x100 luce 285

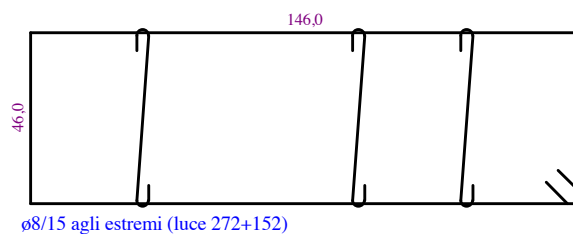
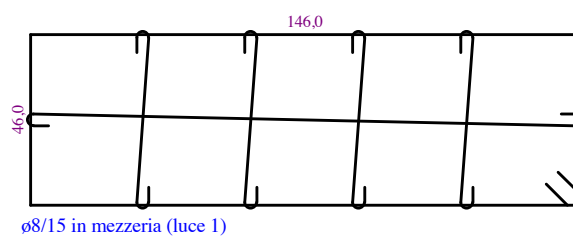
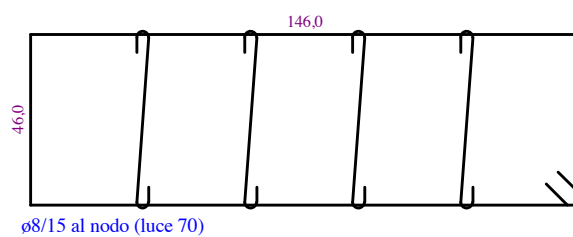
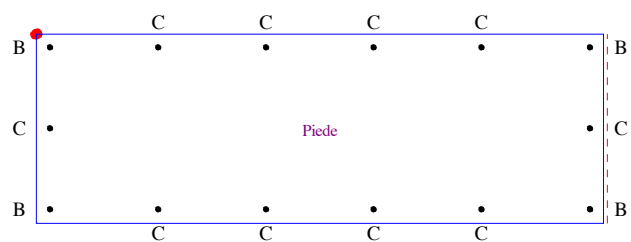
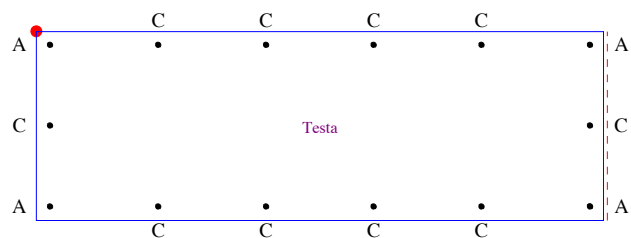
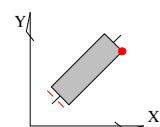


	Ferri	Z	L	Lt	Staffe	T	L	Lt
A:	4ø16	92	257	1028	24ø8		304	7296
B:	4ø16	0	180	720	52ø8		69	3588
C:	8ø16	0	350	2800				

# Pilastro 19 (liv.0-2), q.piede 0.00

Scala 1:20

Sezione ret 50x150 luce 305

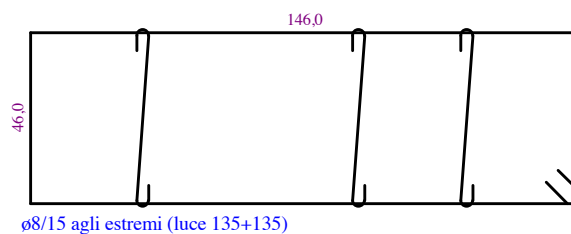
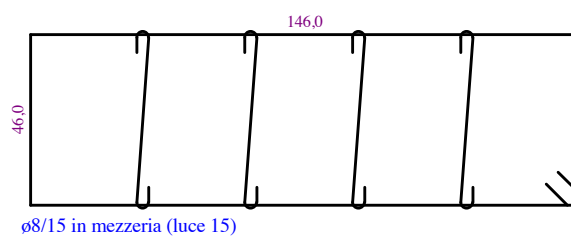
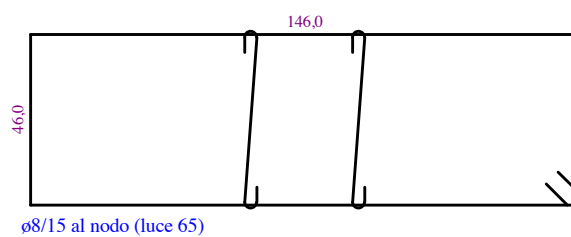
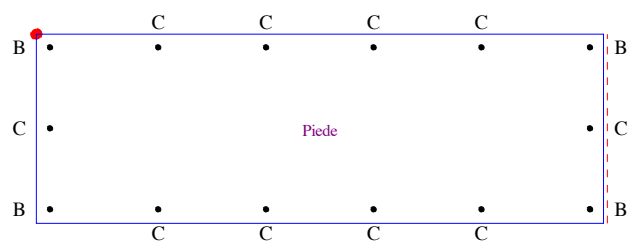
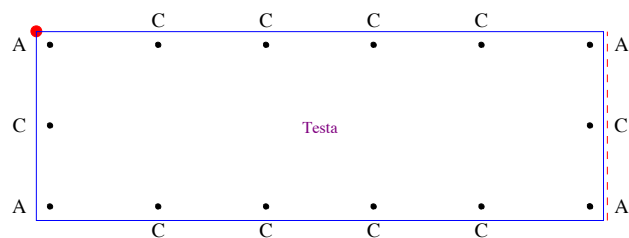
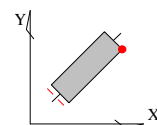


	Ferri	Z	L	Lt	Staffe	T	L	Lt
A:	4ø16	162	420	1680	33ø8	□	404	13332
B:	4ø16	4	245	980	103ø8	↓	69	7107
C:	10ø16	4	580	5800				

# Pilastro 19 (liv.2-4), q.piede 4.95

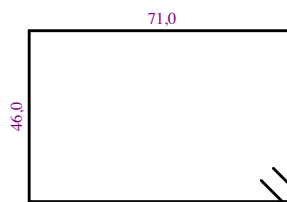
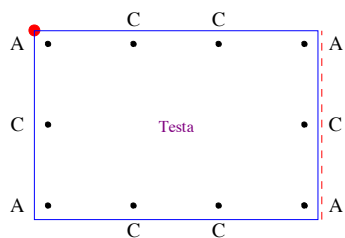
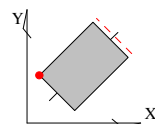
Scala 1:20

Sezione ret 50x150 luce 285



	Ferri	Z	L	Lt	Staffe	T	L	Lt
A:	4ø16	92	257	1028	24ø8	□	404	9696
B:	4ø16	0	180	720	69ø8	↓	69	4761
C:	10ø16	0	350	3500				

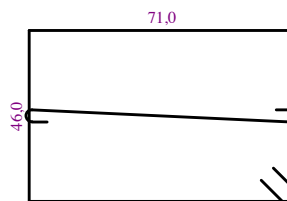
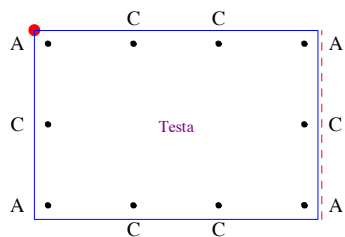
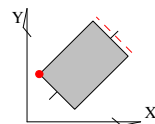
Pilastro 20 (liv.0-2), q.piede 0.00  
Scala 1:20  
Sezione ret 50x75 luce 305



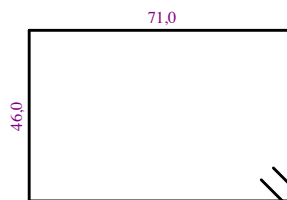
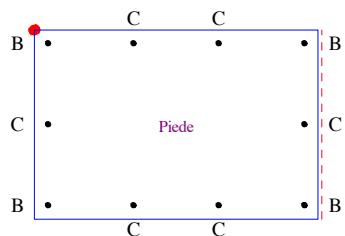
ø8/15 agli estremi (luce 210+90)  
ø8/15 al nodo (luce 70)  
ø8/19 in mezzeria (luce 125)

	Ferri	Z	L	Lt	Staffe	T	L	Lt
*A:	4ø16	162	420	1680	31ø8		254	7874
B:	4ø16	4	245	980				
C:	6ø16	4	580	3480				

Pilastro 20 (liv.2-4), q.piede 4.95  
Scala 1:20  
Sezione ret 50x75 luce 285



ø8/15 al nodo (luce 70)



ø8/15 agli estremi (luce 90+90)  
ø8/19 in mezzeria (luce 105)

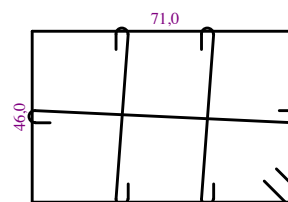
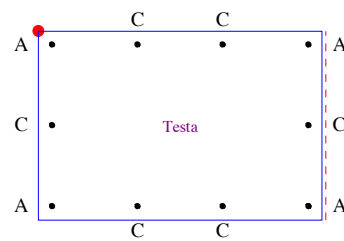
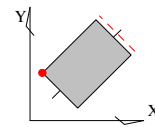
	Ferri	Z	L	Lt	Staffe	T	L	Lt
*A:	4ø16	92	310	1240	22ø8		254	5588
B:	4ø16	0	180	720	4ø8		94	376
C:	6ø16	0	440	2640				



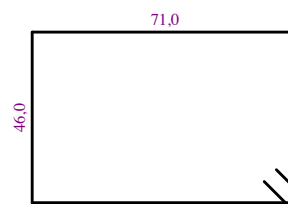
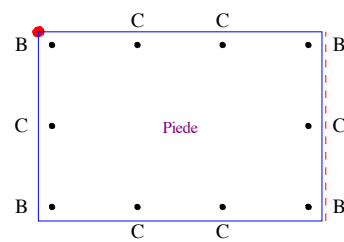
Pilastro 20 (liv.4-5), q.piede 8.50

Scala 1:20

Sezione ret 50x75 luce 20



ø8/15 al nodo (luce 65)  
ø8/15 in mezzeria (luce 0)



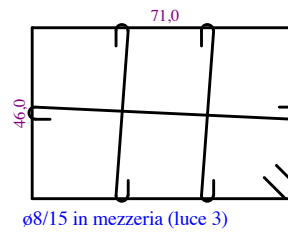
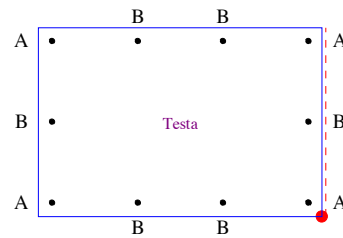
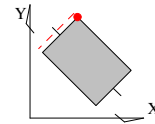
ø8/15 agli estremi (luce 10+10)

	Ferri	Z	L	Lt	Staffe	T	L	Lt
A:	4ø16	0	85	340	6ø8	□	254	1524
B:	4ø16		dal piano inf.		4ø8	←	94	376
C:	6ø16	0	85	510	8ø8	↓	69	552

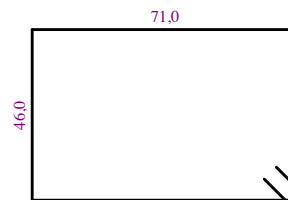
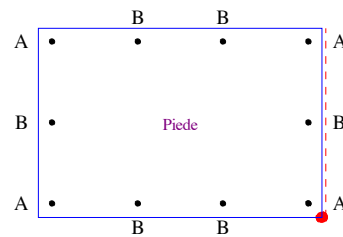
## Pilastro 21 (liv.0-1), q.piede 0.00

Scala 1:20

Sezione ret 50x75 luce 123



ø8/15 in mezzeria (luce 3)



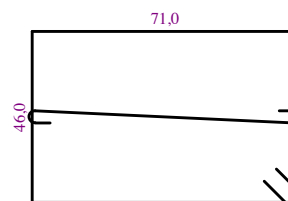
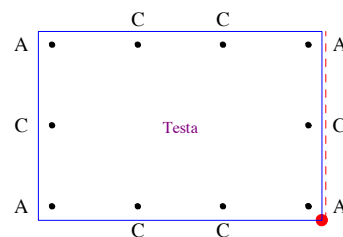
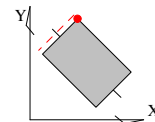
ø8/15 agli estremi (luce 180+60)  
ø8/15 al nodo (luce 70)

	Ferri	Z	L	Lt	Staffe	T	L	Lt
* A:	4ø16	4	400	1600	21ø8		254	5334
B:	6ø16	4	395	2370				

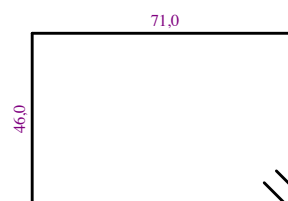
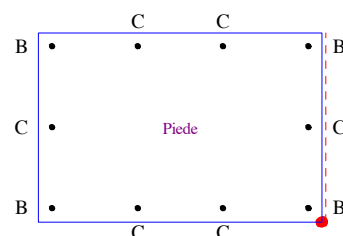
## Pilastro 21 (liv.1-2), q.piede 3.13

Scala 1:20

Sezione ret 50x75 luce 112



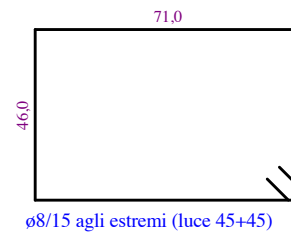
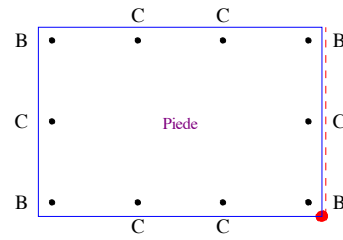
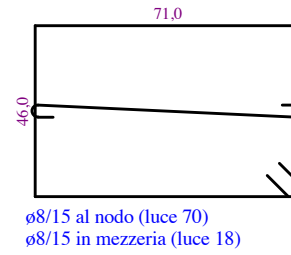
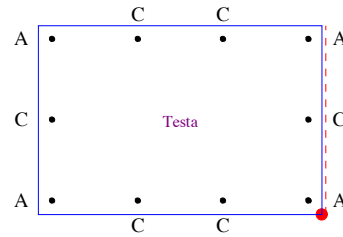
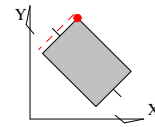
ø8/15 in mezzeria (luce 22)



ø8/15 agli estremi (luce 45+45)  
ø8/15 al nodo (luce 70)

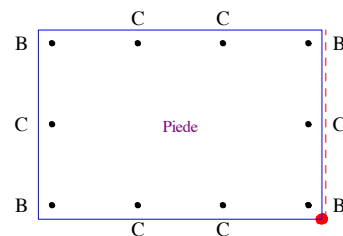
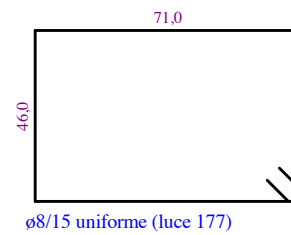
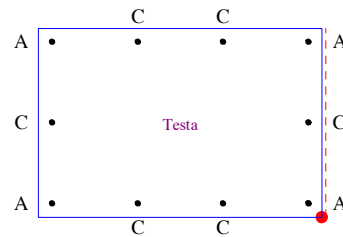
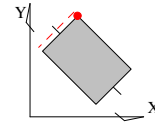
	Ferri	Z	L	Lt	Staffe	T	L	Lt
* A:	4ø16	6	265	1060	12ø8		254	3048
B:	4ø16		dal piano inf.		1ø8		94	94
C:	6ø16	0	270	1620				

Pilastro 21 (liv.2-3), q.piede 4.95  
Scala 1:20  
Sezione ret 50x75 luce 108



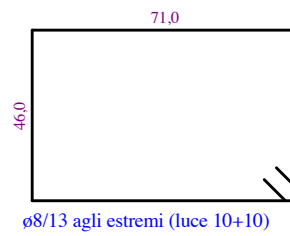
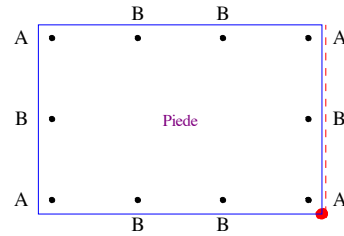
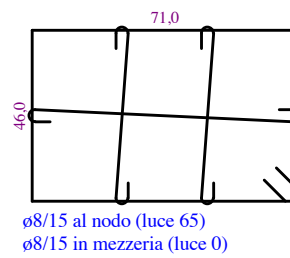
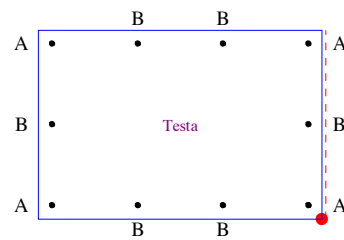
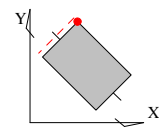
	Ferri	Z	L	Lt	Staffe	T	L	Lt
*A:	4ø16	4	265	1060	12ø8		254	3048
B:	4ø16		dal piano inf.		5ø8		94	470
C:	6ø16	0	265	1590				

Pilastro 21 (liv.3-4), q.piede 6.73  
Scala 1:20  
Sezione ret 50x75 luce 107



	Ferri	Z	L	Lt	Staffe	T	L	Lt
*A:	4ø16	3	258	1032	12ø8		254	3048
B:	4ø16		dal piano inf.					
C:	6ø16	0	262	1572				

Pilastro 21 (liv.4-5), q.piede 8.50  
 Scala 1:20  
 Sezione ret 50x75 luce 20



	Ferri	Z	L	Lt	Staffe	T	L	Lt
* A:	4ø16		dal piano inf.		6ø8	□	254	1524
B:	6ø16		dal piano inf.		4ø8	—	94	376
					8ø8	↓	69	552