



Stazione Appaltante
 Regione Siciliana
Comune di S. Stefano di Camastra
 Provincia di Messina



Procedura aperta ex art. 183 commi 1-14 d.lgs. 50/2016 s.m.i. per l'affidamento in project financing della concessione di lavori pubblici avente per oggetto la progettazione definitiva ed esecutiva, l'esecuzione dei lavori per la **REALIZZAZIONE DEL PORTO TURISTICO E DELLE OPERE CONNESSE NEL COMUNE DI SANTO STEFANO DI CAMASTRA** nonché della loro gestione economico-finanziaria

C.I.G.67535662F8

C.U.P.H21H07000030003

PROGETTO DEFINITIVO

<p>Concessionario Individuato</p>  <p>Rappresentante legale: Cono Bruno</p> <p>Via Campidoglio, 70 98076 Sant'Agata di Militello (ME)</p>	<p>Progettista indicato</p>  <p>Dott. Ing. Paolo Turbolente</p> <p>Via Ajaccio, 14 00198 Roma</p>	 <p>Amministratore Unico: Prof. Ing. Vincenzo Cataliotti Direttori tecnici: Arch. Sebastiano Provenzano Prof. Ing. Antonio Cataliotti Via Vittorio Emanuele, 492 90134 Palermo</p>
<p>Titolo elaborato</p> <p>RESIDENZE "CONDOMINIO" CORPO "1"</p> <p>- CARPENTERIE - ESECUTIVI DI CANTIERE</p>		<p>Elaborato</p> <p style="text-align: right;"> PD EG </p> <p>11.1.4 - RC1</p>
		<p>Scala</p> <p>Data. Giugno 2017</p>

Comune di SANTO STEFANO DI CAMASTRA

Provincia di MESSINA

ESECUTIVI DI CANTIERE

Fondazione

Oggetto: **Calcolo delle strutture in C.A. perla realizzazione di fabbricati daadibire a residenze
(Condominio 1)**

Ditta: Bruno Costruzione

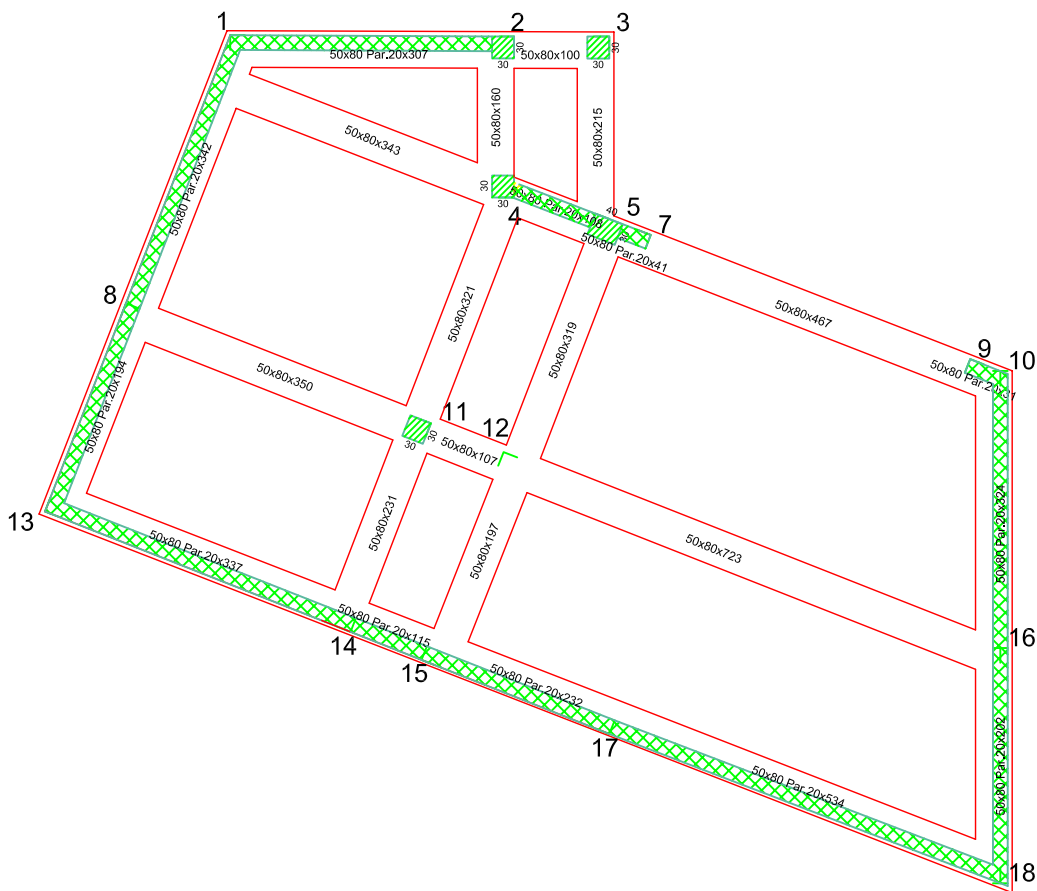
Data:

Materiali

**CLS
C25/30
ACCIAIO LONGITUDINALI
B450C
ACCIAIO STAFFE
B450C**

FONDAZIONE

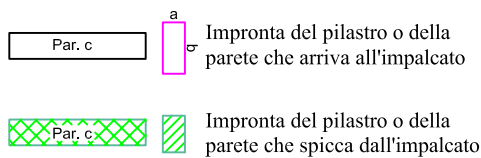
QUOTA=+0,00 (Estradosso Travi di Fondazione)



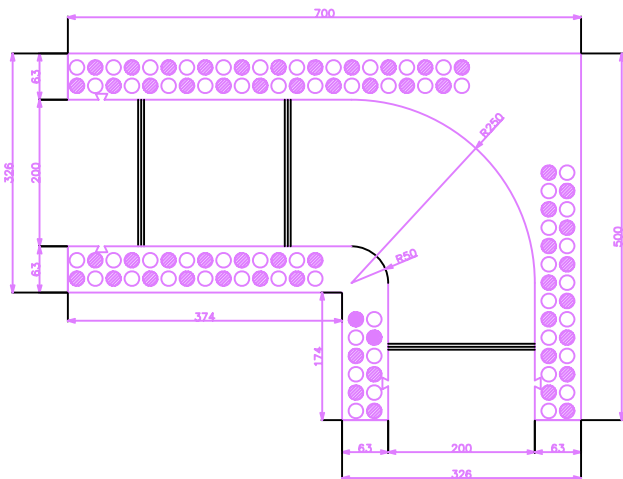
CARATTERISTICHE DEI MATERIALI

- Calcestruzzo cementizio classe C **25/30**
- Acciaio **B450C** (391 N/mm²)

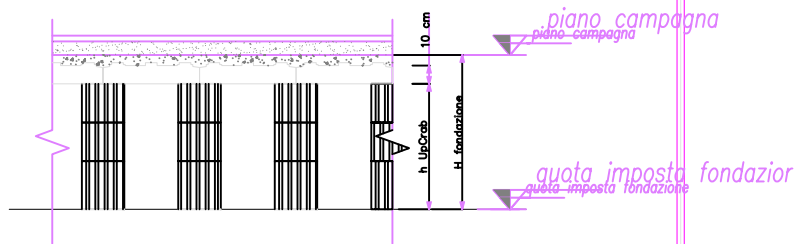
Nota per pilastri e pareti



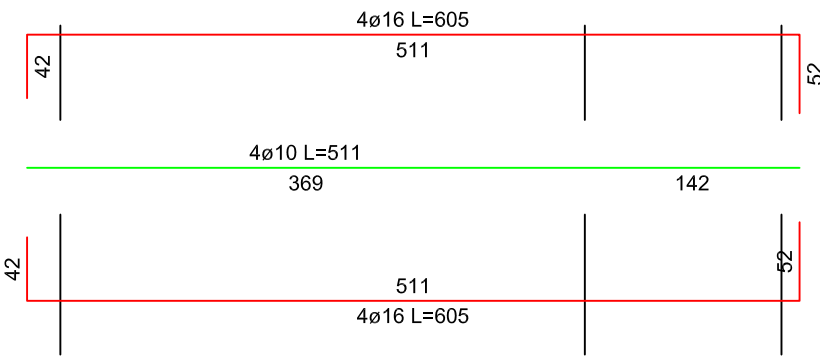
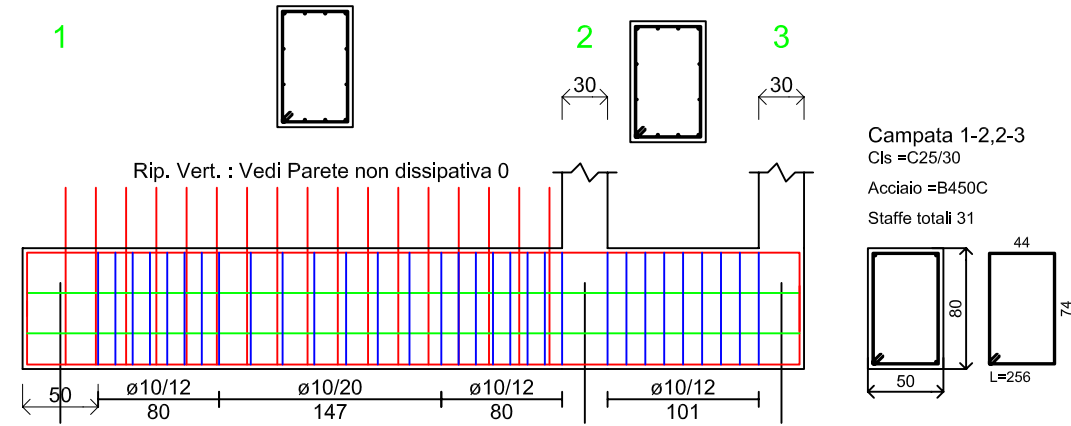
H2WALL PARTICOLARE ELEMENTO ANGOLO



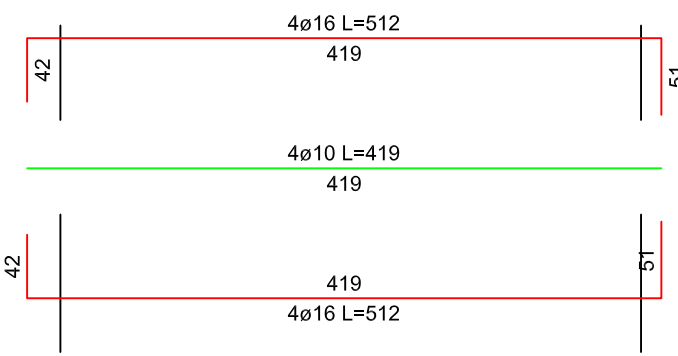
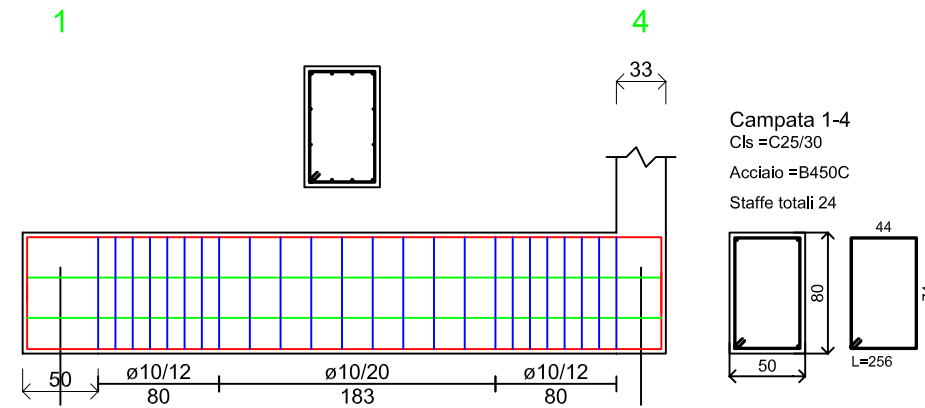
AIRCRAV VESPAIO ISO-VENTILATO



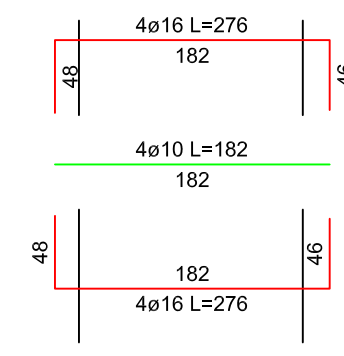
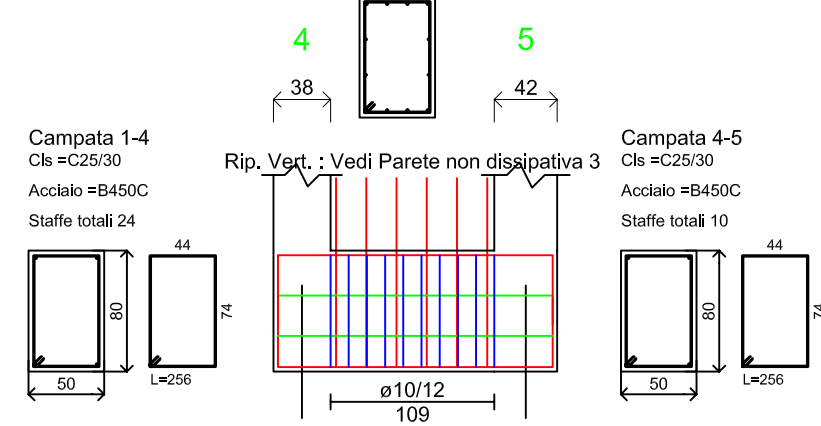
Telaio 1 FOND.



Telaio 3 FOND.



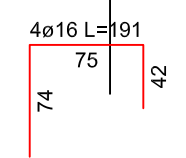
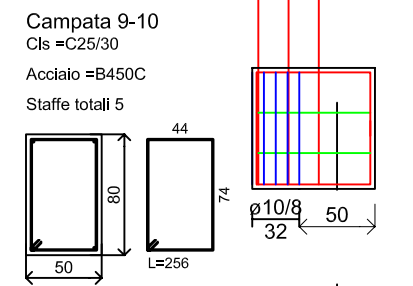
Telaio 3 FOND.



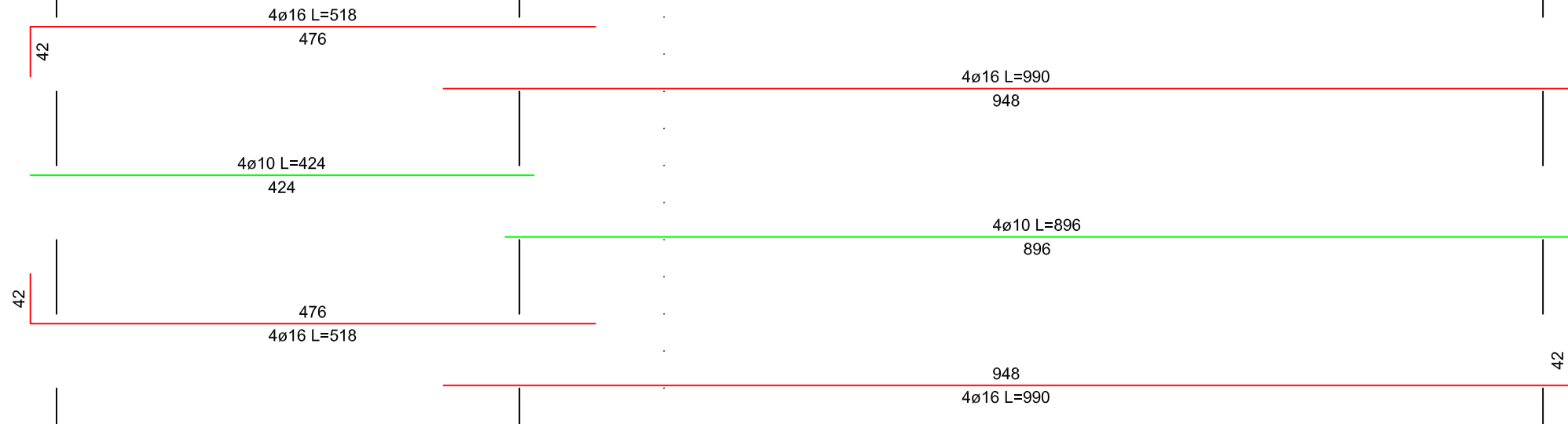
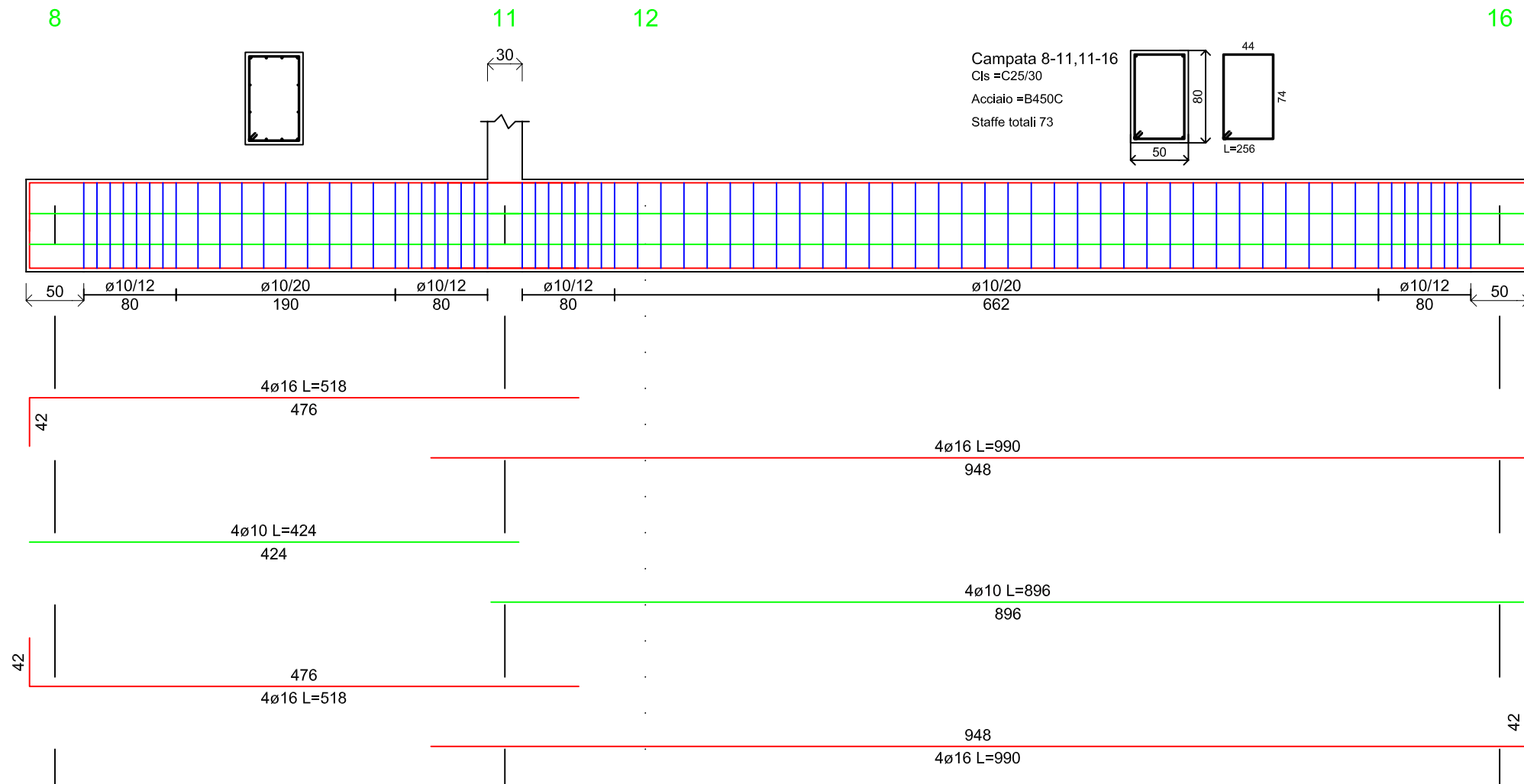
Travata 14 FOND.

9 10

Rip. Vert. : Vedi Parete non dissipativa 5



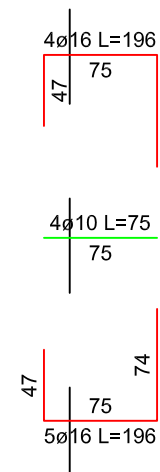
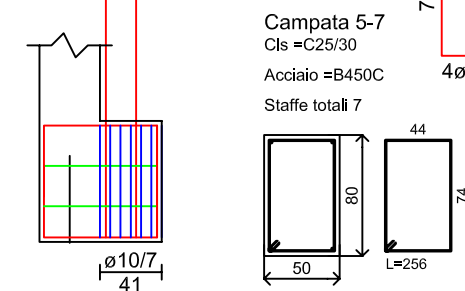
Telaio 4 FOND.



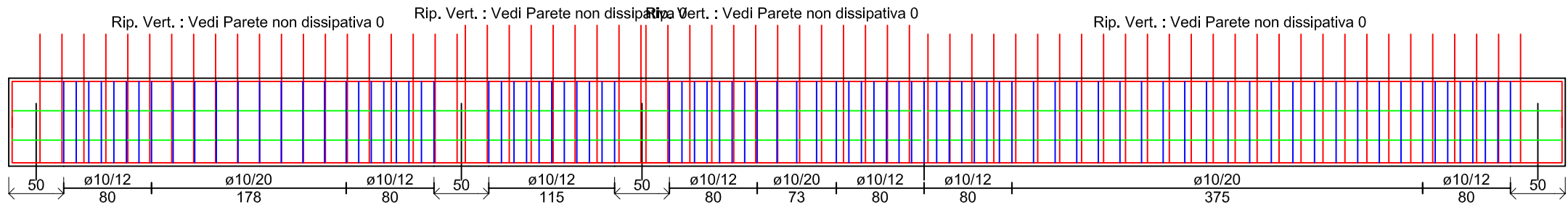
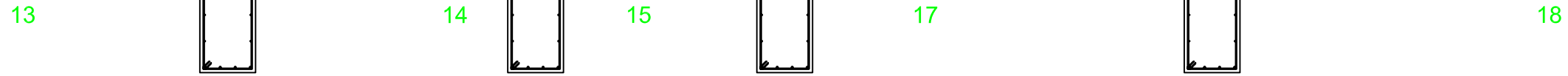
Travata 12 FOND.

5 7

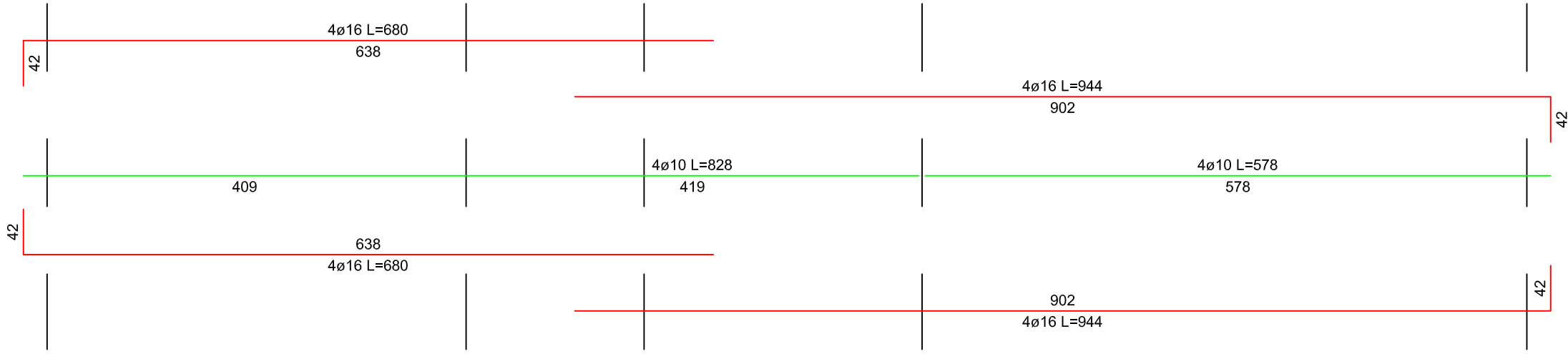
Rip. Vert. : Vedi Parete non dissipativa 4



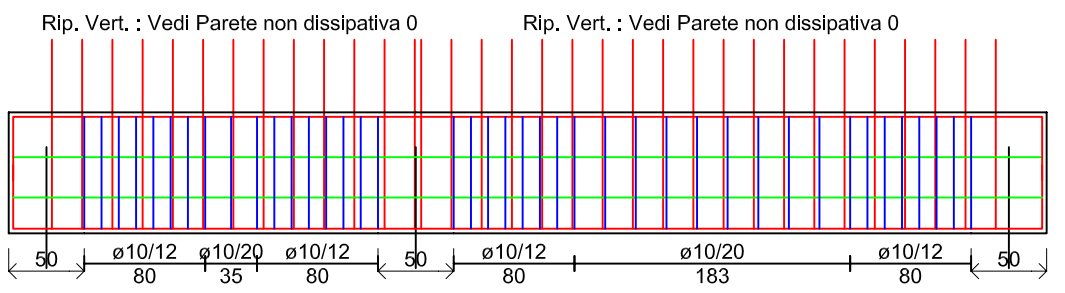
Telaio 5 FOND.



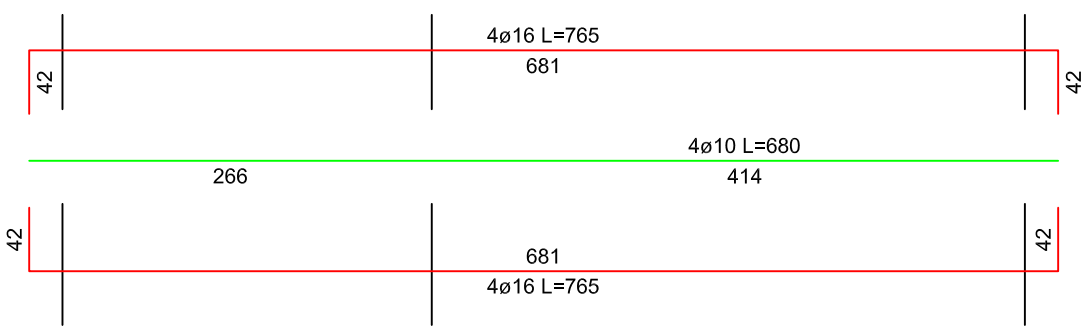
Campata 13-14,14-15
15-17,17-18
Cls =C25/30
Acciaio =B450C
Staffe totali 88



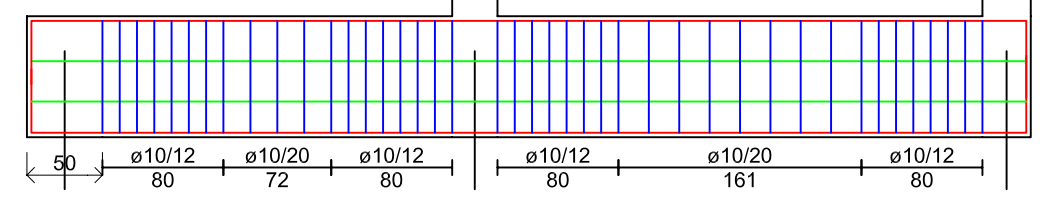
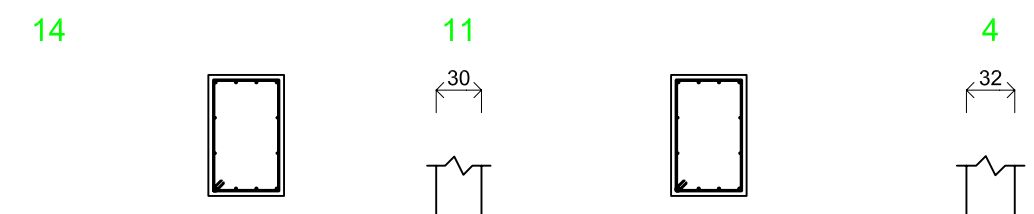
Telaio 6 FOND.



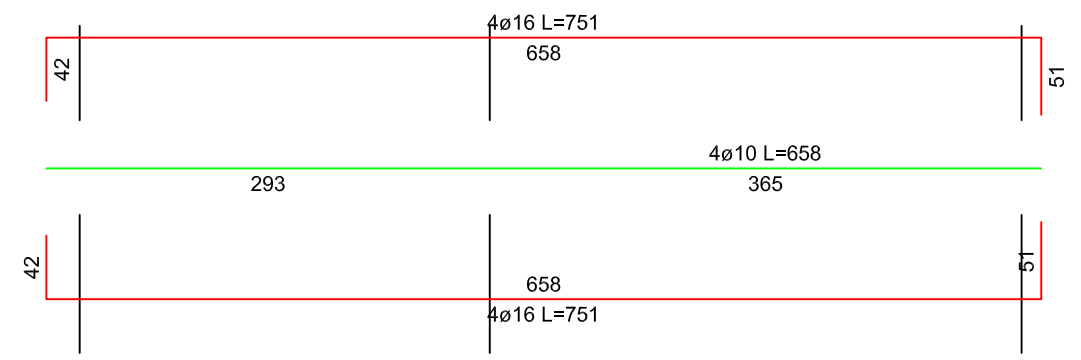
Campata 13-8,8-1
Cls =C25/30
Acciaio =B450C
Staffe totali 41



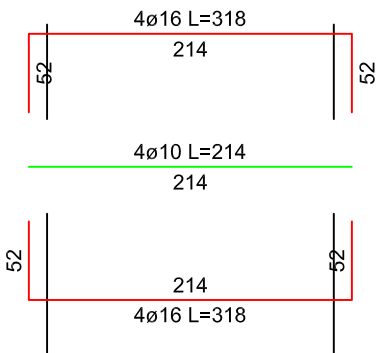
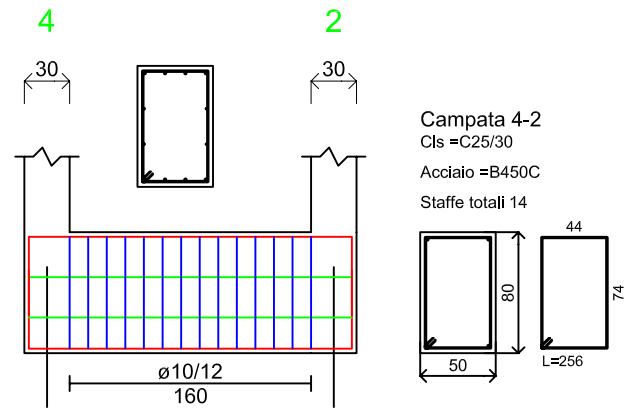
Telaio 7 FOND.



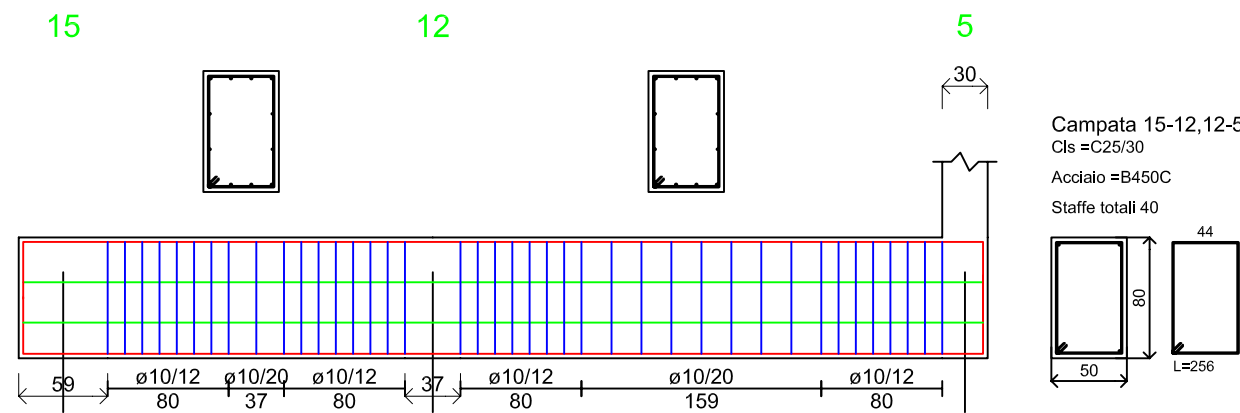
Campata 14-11,11-4
Cls =C25/30
Acciaio =B450C
Staffe totali 42



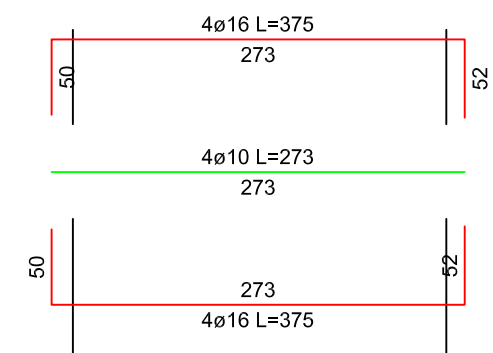
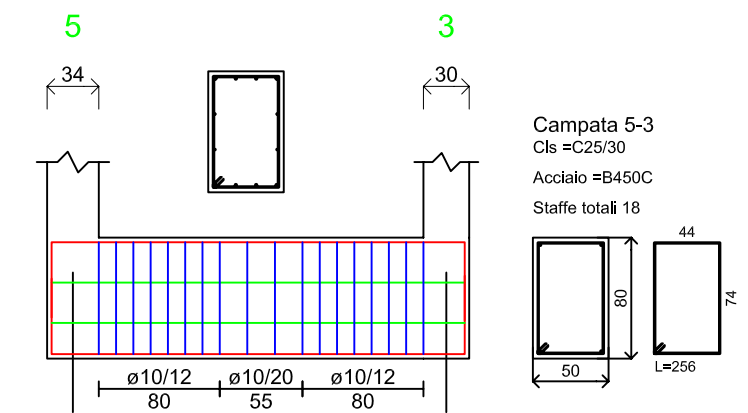
Telaio 8 FOND.



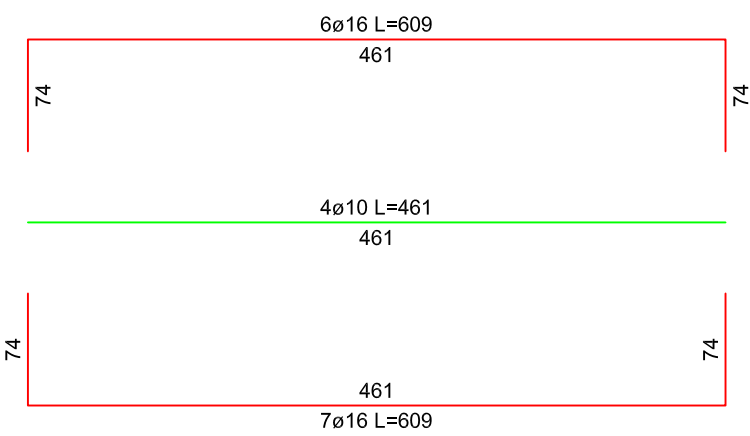
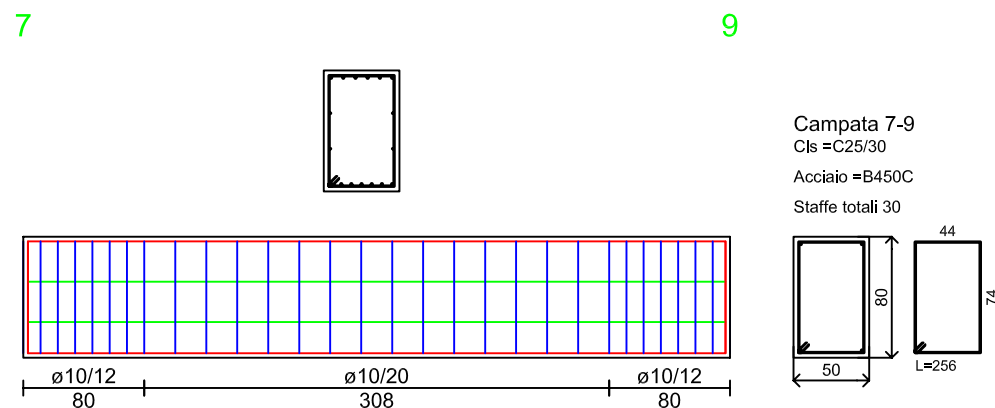
Telaio 9 FOND.



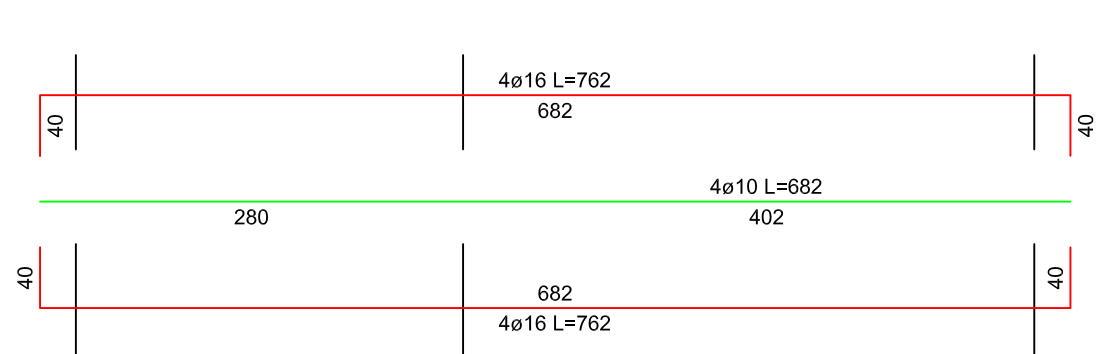
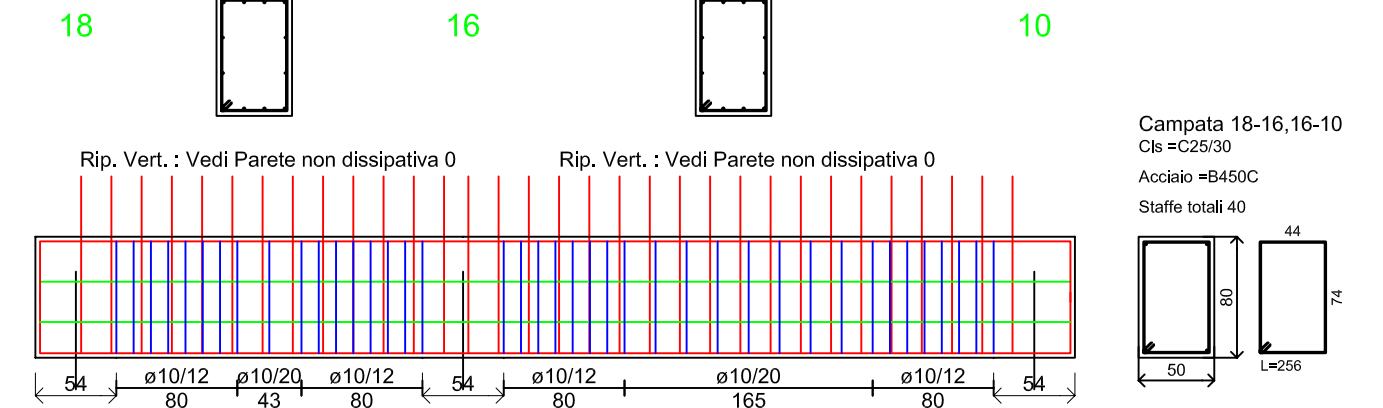
Telaio 10 FOND.



Travata 13 FOND.



Telaio 11 FOND.



Comune di SANTO STEFANO DI CAMASTRA

Provincia di MESSINA

ESECUTIVI DI CANTIERE

Impalcato "1"

Oggetto: **Calcolo delle strutture in C.A. perla realizzazione di fabbricati daadibire a residenze (Condominio 1)**

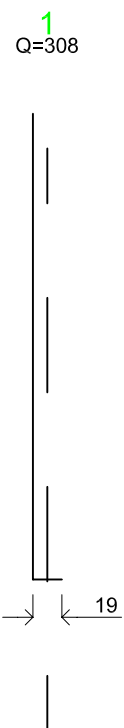
Ditta: Bruno Costruzione

Data:

Materiali

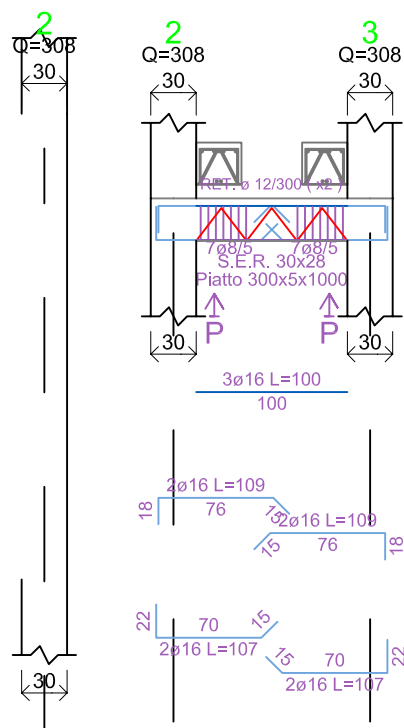
**CLS
C25/30
ACCIAIO LONGITUDINALI
B450C
ACCIAIO STAFFE
B450C**

Telaio 1 IMP. 1

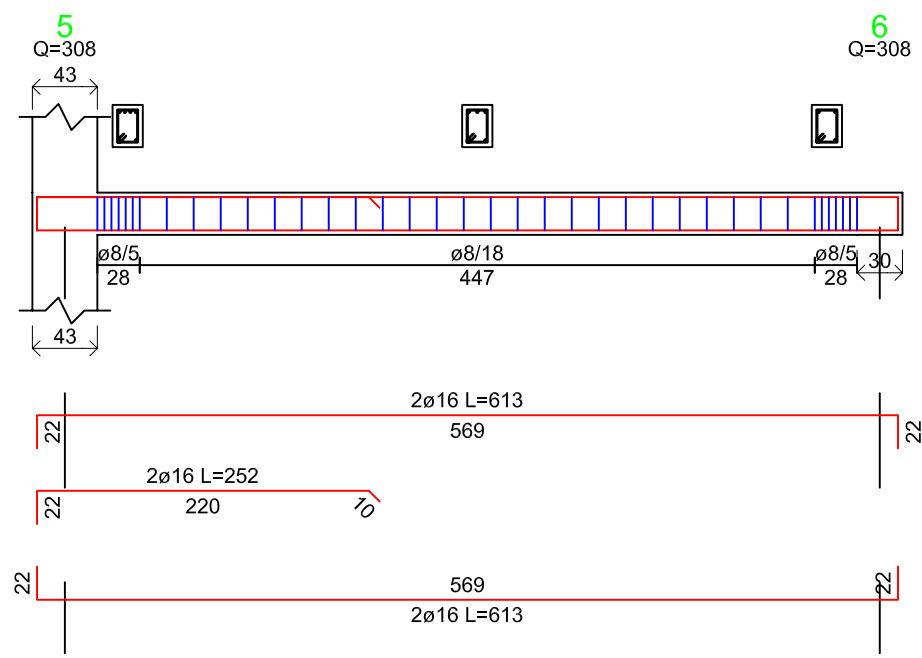


Parete 1

Telaio 1 IMP. 1

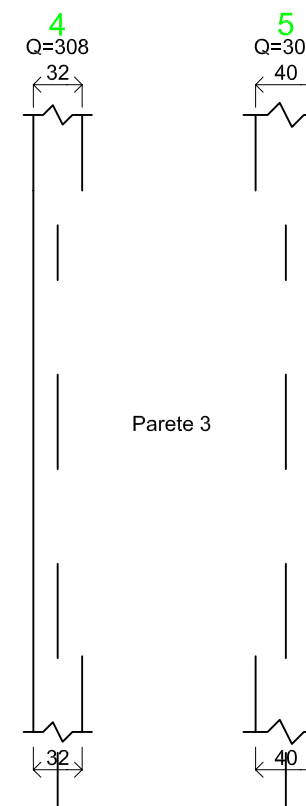


Telaio 2 IMP. 1



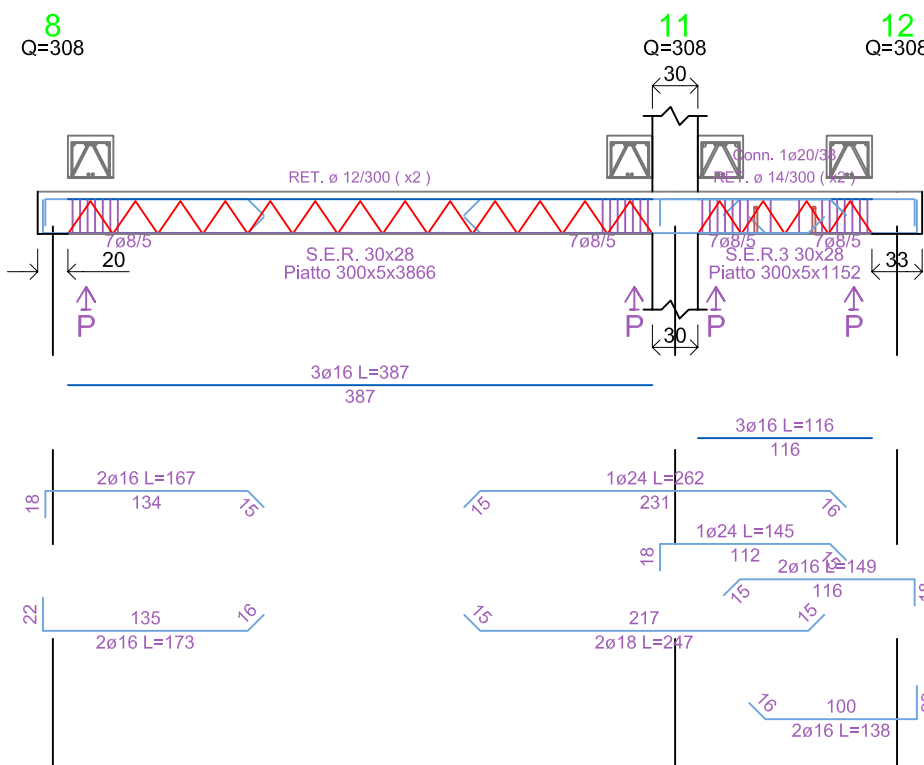
Campata 5-6
 Cls = C25/30
 Acciaio = B450C
 Staffe totali 38

Telaio 3 IMP. 1

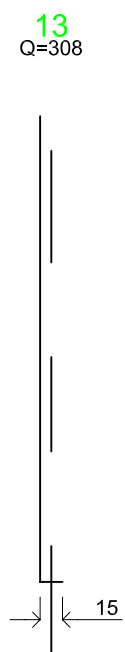


Parete 3

Telaio 4 IMP. 1



Telaio 5 IMP. 1



Parete 7

14
Q=308

Parete 8

15
Q=308

Parete 9

17
Q=308

Parete 10

18
Q=308

Telaio 6 IMP. 1

13
Q=308

8
Q=308

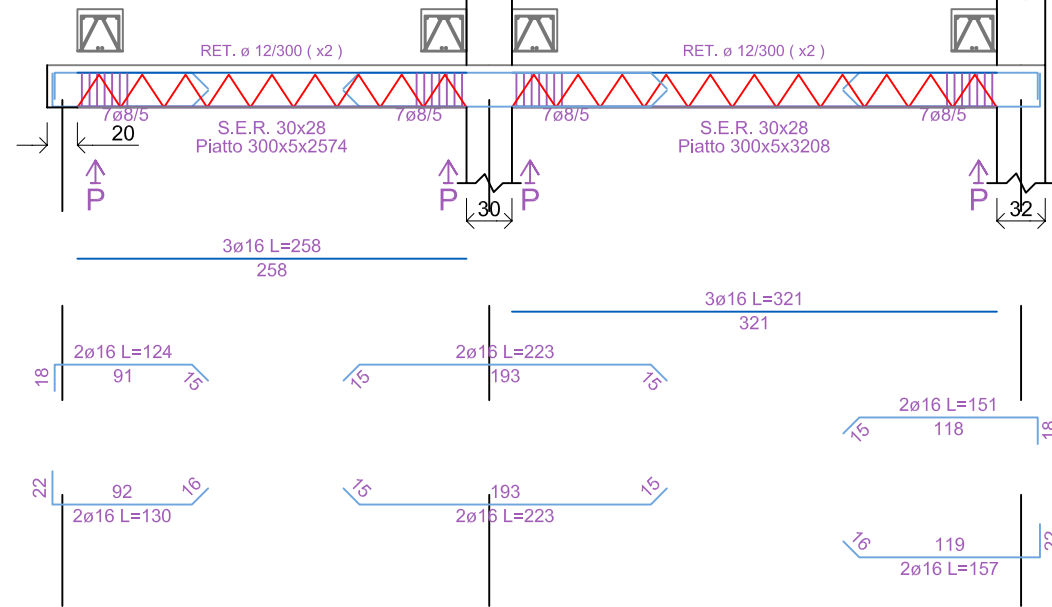
Parete 2

Telaio 7 IMP. 1

14
Q=308

11
Q=308

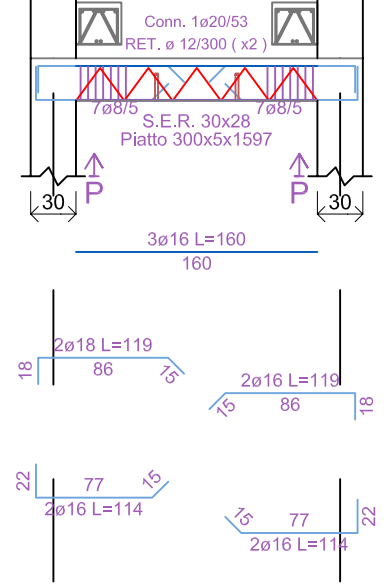
4
Q=308



Telaio 8 IMP. 1

4
Q=308

2
Q=308

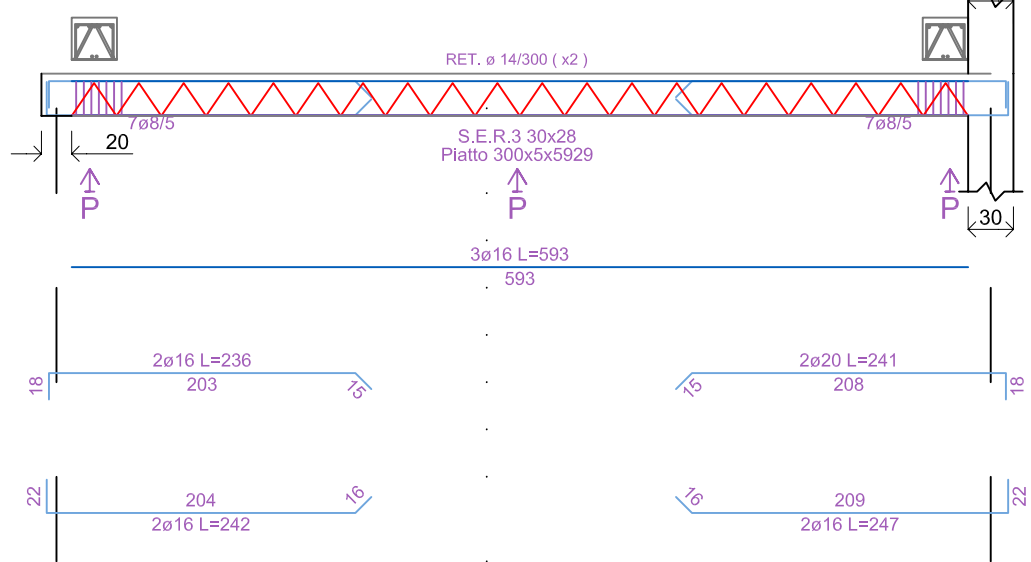


Telaio 9 IMP. 1

15
Q=308

12
Q=308

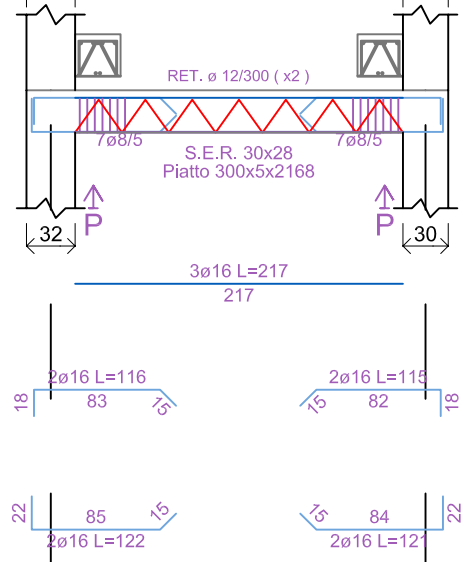
5
Q=308



Telaio 10 IMP. 1

5
Q=308

3
Q=308



Telaio 11 IMP. 1

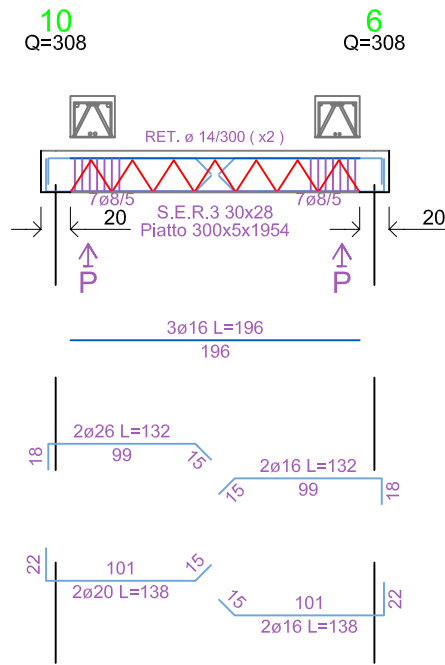
18
Q=308

16
Q=308

10
Q=308



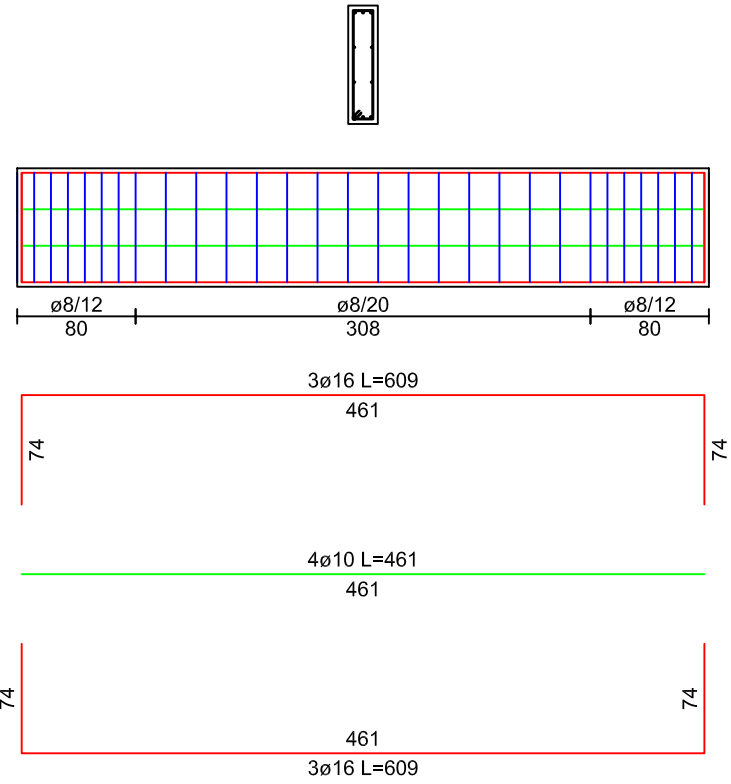
Telaio 11 IMP. 1



Travata 28 IMP. 1

7
Q=308

9
Q=308

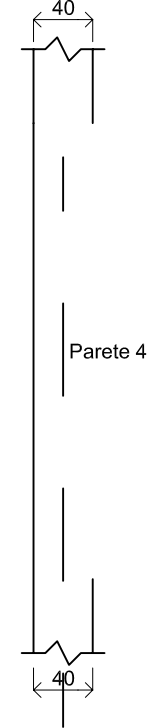


Travata 29 IMP. 1

5
Q=308

7
Q=308

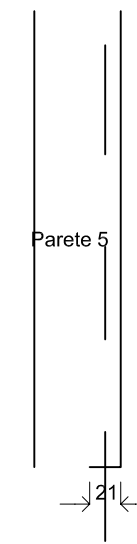
Campata 7-9
Cls = C25/30
Acciaio = B450C
Staffe totali 30



Travata 30 IMP. 1

9
Q=308

10
Q=308



Comune di SANTO STEFANO DI CAMASTRA

Provincia di MESSINA

ESECUTIVI DI CANTIERE

Impalcato "2"

Oggetto: **Calcolo delle strutture in C.A. perla realizzazione di fabbricati daadibire a residenze
(Condominio 1)**

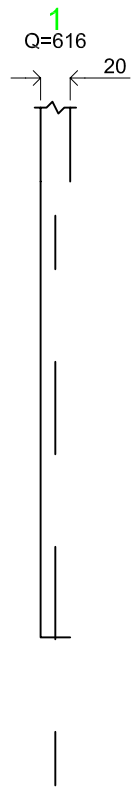
Ditta: Bruno Costruzione

Data:

Materiali

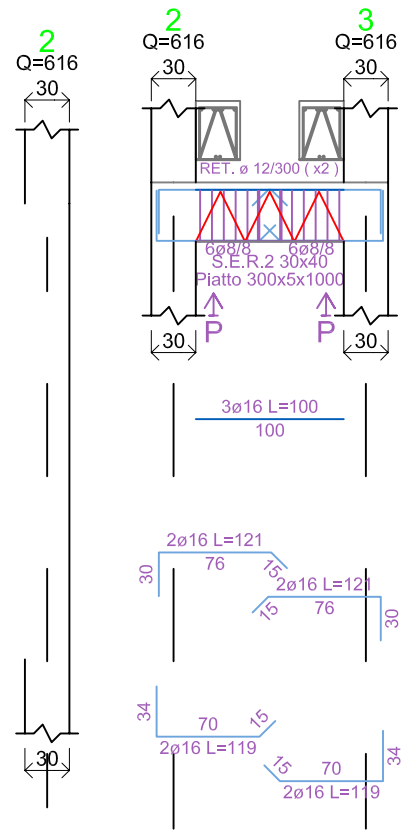
**CLS
C25/30
ACCIAIO LONGITUDINALI
B450C
ACCIAIO STAFFE
B450C**

Telaio 1 IMP. 2

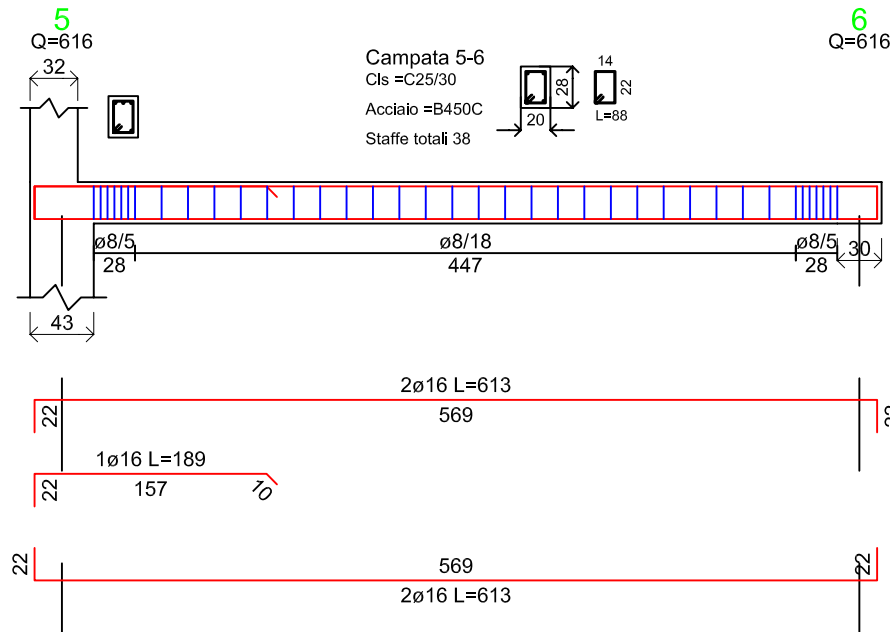


Parete 11

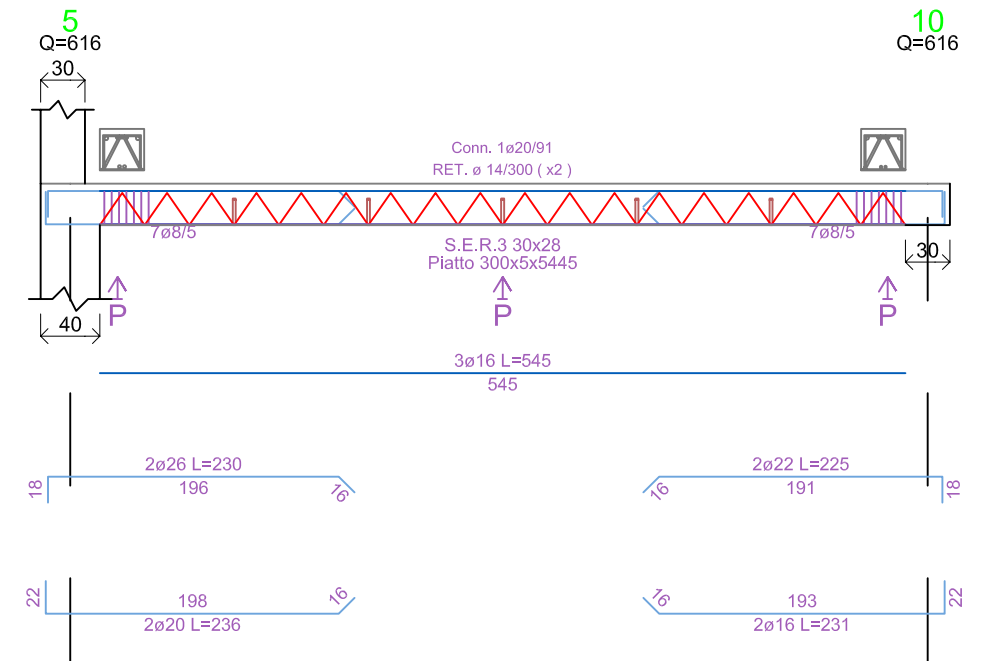
Telaio 1 IMP. 2



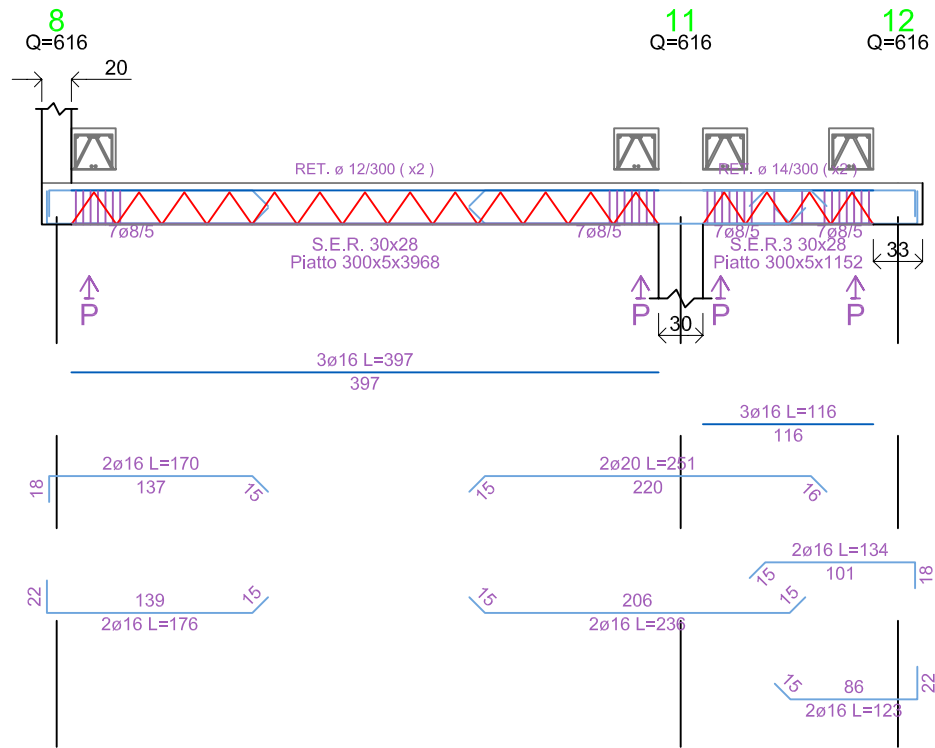
Telaio 2 IMP. 2



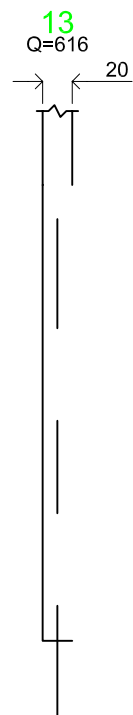
Telaio 3 IMP. 2



Telaio 4 IMP. 2



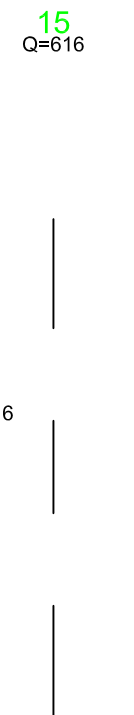
Telaio 5 IMP. 2



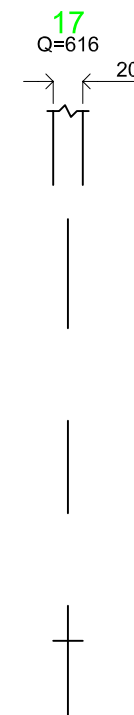
Parete 15



Parete 16



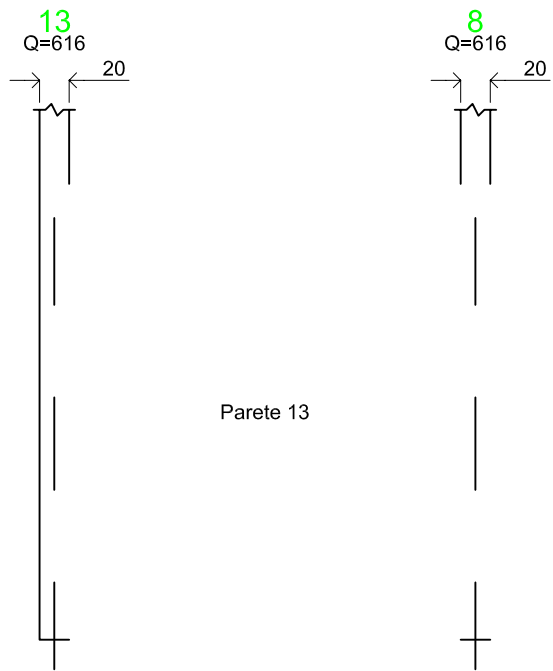
Parete 17



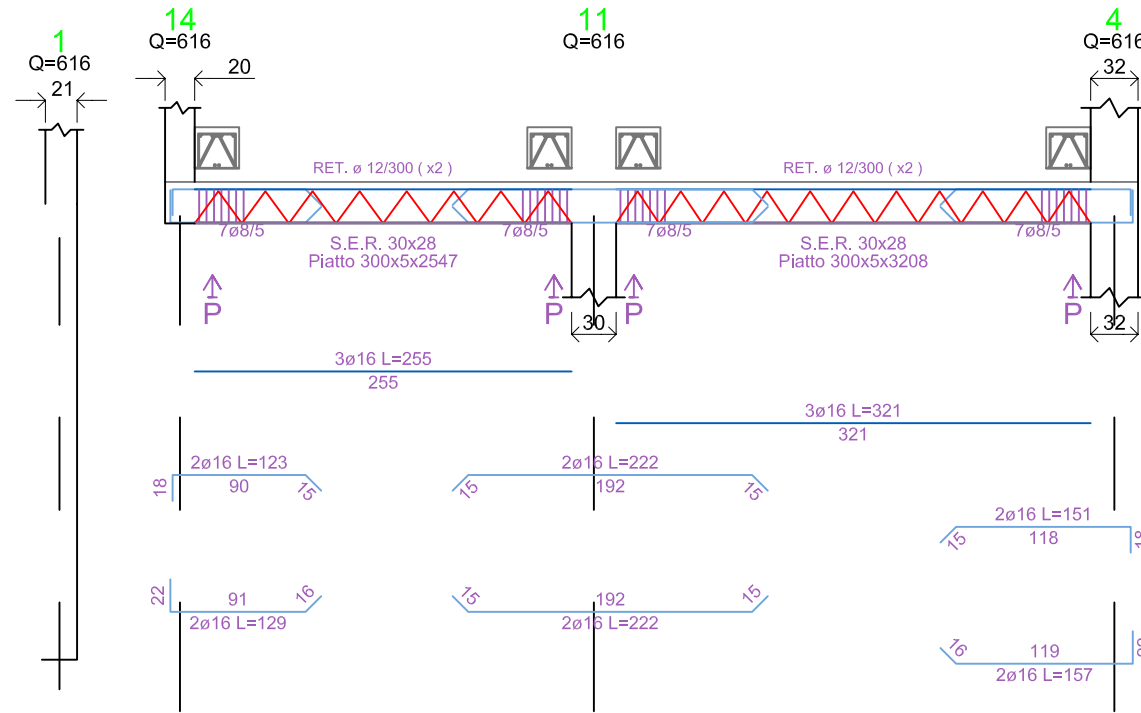
Parete 18



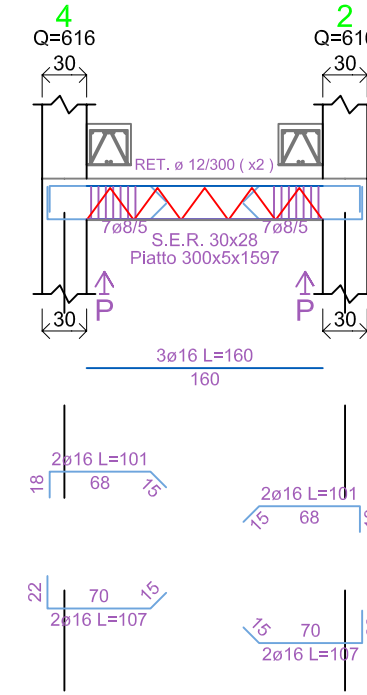
Telaio 6 IMP. 2



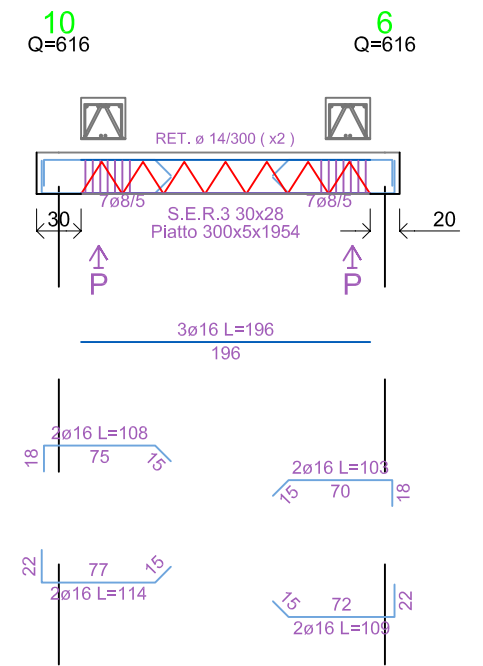
Telaio 7 IMP. 2



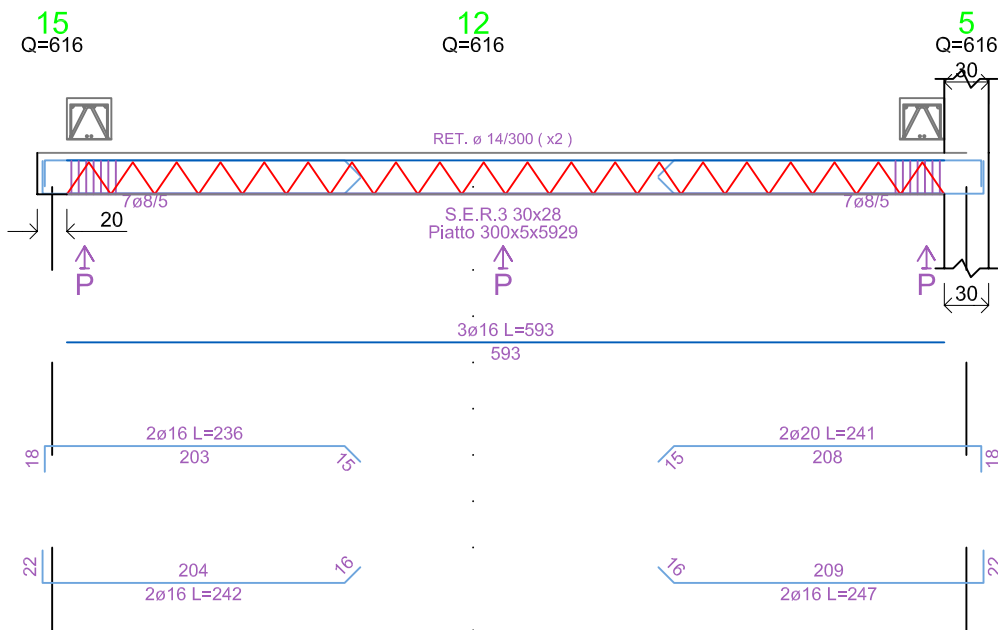
Telaio 8 IMP. 2



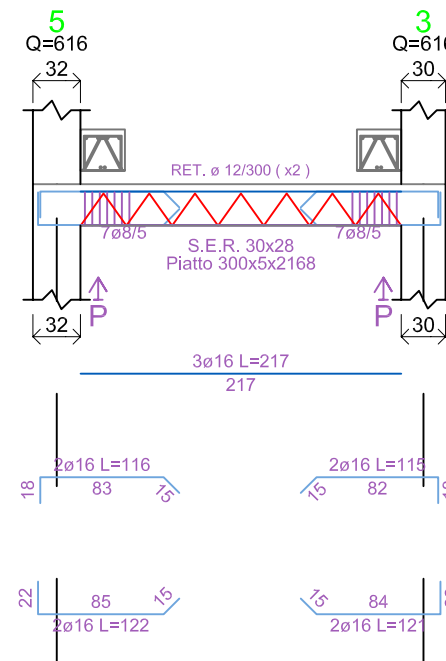
Telaio 11 IMP. 2



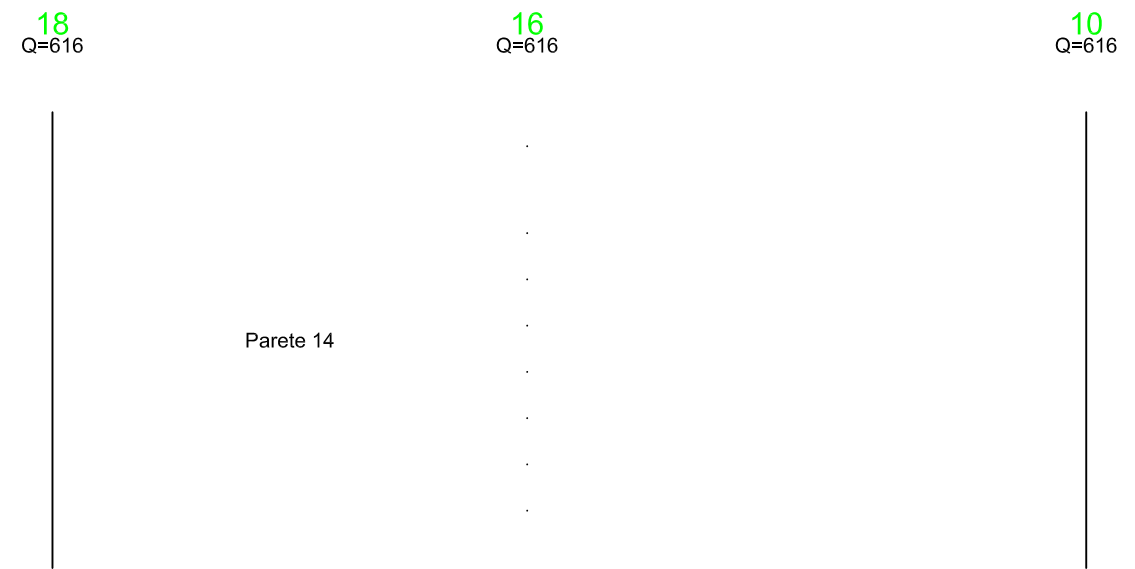
Telaio 9 IMP. 2



Telaio 10 IMP. 2



Telaio 11 IMP. 2



Comune di SANTO STEFANO DI CAMASTRA

Provincia di MESSINA

ESECUTIVI DI CANTIERE

Impalcato "3"

Oggetto: **Calcolo delle strutture in C.A. perla realizzazione di fabbricati daadibire a residenze
(Condominio 1)**

Ditta: Bruno Costruzione

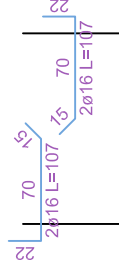
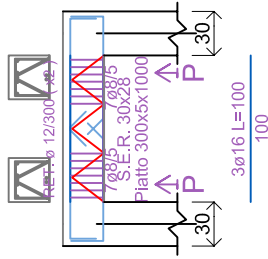
Data:

Materiali

**CLS
C25/30
ACCIAIO LONGITUDINALI
B450C
ACCIAIO STAFFE
B450C**

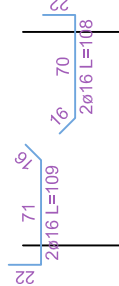
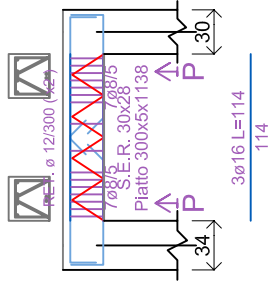
Telaio 1 IMP. 3

2 Q=864
3 Q=864



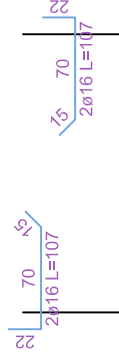
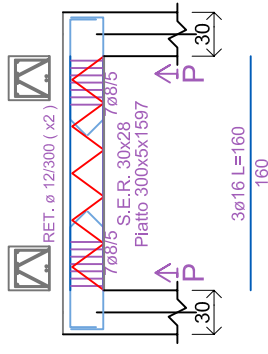
Telaio 3 IMP. 3

4 Q=864
5 Q=864



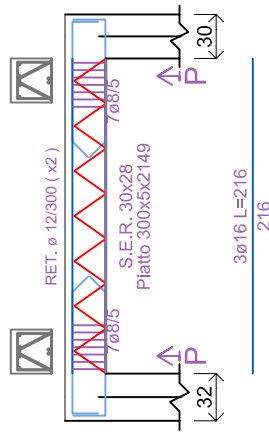
Telaio 8 IMP. 3

4 Q=864
2 Q=864



Telaio 10 IMP. 3

5 Q=864
3 Q=864



Comune di SANTO STEFANO DI CAMASTRA

Provincia di MESSINA

ESECUTIVI DI CANTIERE

Pilastri

Oggetto: **Calcolo delle strutture in C.A. perla realizzazione di fabbricati daadibire a residenze
(Condominio 1)**

Ditta: Bruno Costruzione

Data:

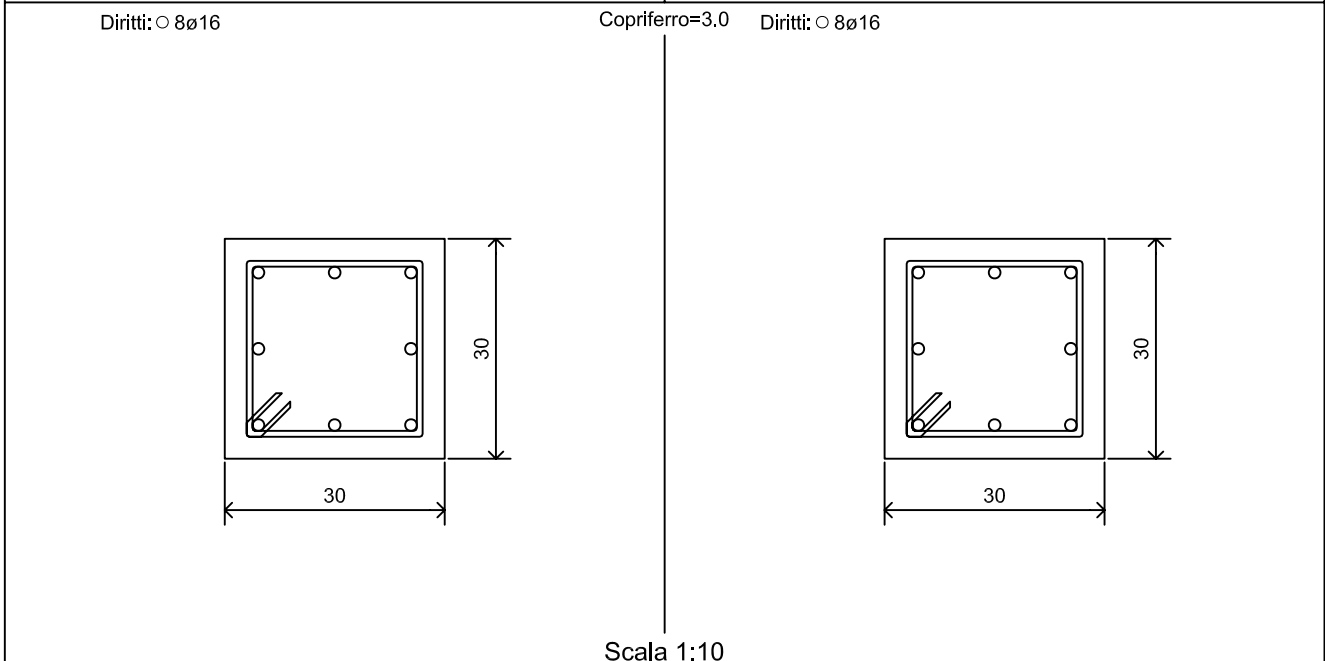
Materiali

**CLS
C25/30
ACCIAIO LONGITUDINALI
B450C
ACCIAIO STAFFE
B450C**

PILASTRO: 2 (filo)	IMP. 1
------------------------------	---------------

Materiali Cls =C25/30 Acciaio =B450C	STAFFE <table style="font-size: small; border-collapse: collapse;"> <tr><td>∅ 8/12 cm</td><td>Da Q=</td><td>0 a Q=</td><td>82</td></tr> <tr><td>∅ 8/19 cm</td><td>Da Q=</td><td>82 a Q=</td><td>198</td></tr> <tr><td>∅ 8/12 cm</td><td>Da Q=</td><td>198 a Q=</td><td>280</td></tr> <tr><td>∅ 8/12 cm</td><td>Da Q=</td><td>280 a Q=</td><td>308</td></tr> </table>	∅ 8/12 cm	Da Q=	0 a Q=	82	∅ 8/19 cm	Da Q=	82 a Q=	198	∅ 8/12 cm	Da Q=	198 a Q=	280	∅ 8/12 cm	Da Q=	280 a Q=	308	STAFFE TIPO 1 ∅ 8 (24x 24 L= 112)	
∅ 8/12 cm	Da Q=	0 a Q=	82																
∅ 8/19 cm	Da Q=	82 a Q=	198																
∅ 8/12 cm	Da Q=	198 a Q=	280																
∅ 8/12 cm	Da Q=	280 a Q=	308																

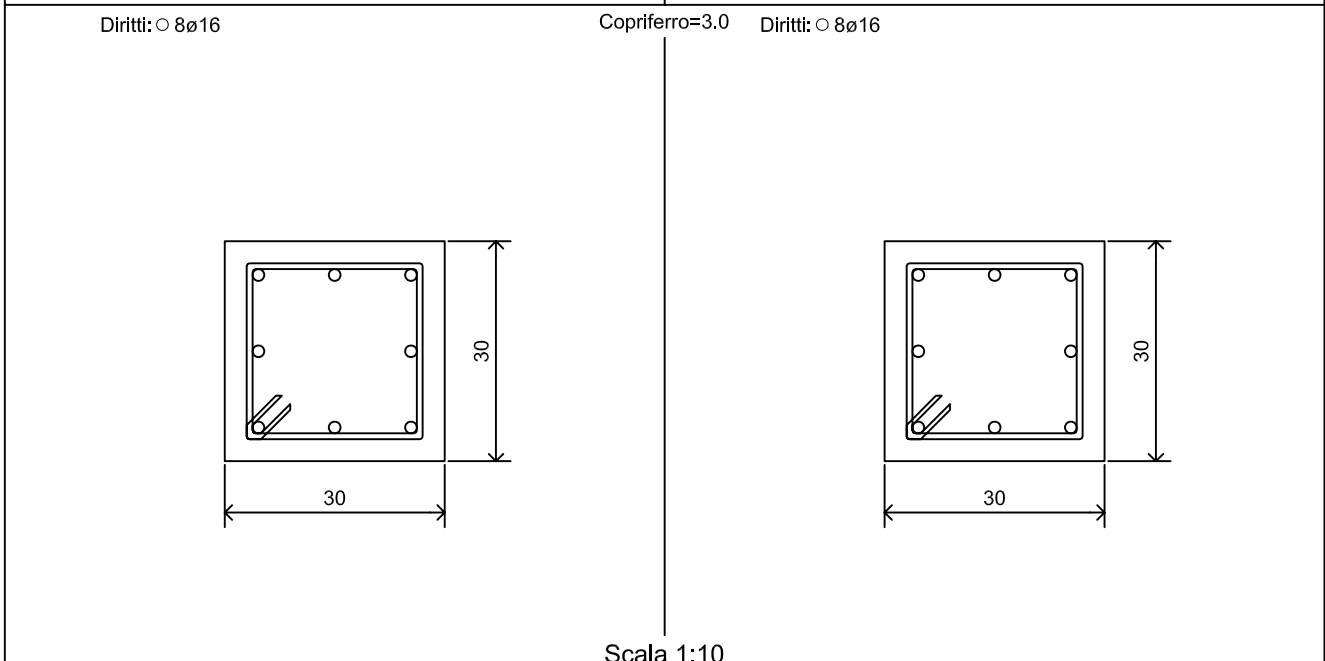
PIEDE (Q=0)	TESTA (Q=308)
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PILASTRO: 3 (filo)	IMP. 1
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Materiali Cls =C25/30 Acciaio =B450C	STAFFE <table style="font-size: small; border-collapse: collapse;"> <tr><td>∅ 8/12 cm</td><td>Da Q=</td><td>0 a Q=</td><td>47</td></tr> <tr><td>∅ 8/19 cm</td><td>Da Q=</td><td>47 a Q=</td><td>233</td></tr> <tr><td>∅ 8/12 cm</td><td>Da Q=</td><td>233 a Q=</td><td>280</td></tr> <tr><td>∅ 8/12 cm</td><td>Da Q=</td><td>280 a Q=</td><td>308</td></tr> </table>	∅ 8/12 cm	Da Q=	0 a Q=	47	∅ 8/19 cm	Da Q=	47 a Q=	233	∅ 8/12 cm	Da Q=	233 a Q=	280	∅ 8/12 cm	Da Q=	280 a Q=	308	STAFFE TIPO 1 ∅ 8 (24x 24 L= 112)	
∅ 8/12 cm	Da Q=	0 a Q=	47																
∅ 8/19 cm	Da Q=	47 a Q=	233																
∅ 8/12 cm	Da Q=	233 a Q=	280																
∅ 8/12 cm	Da Q=	280 a Q=	308																

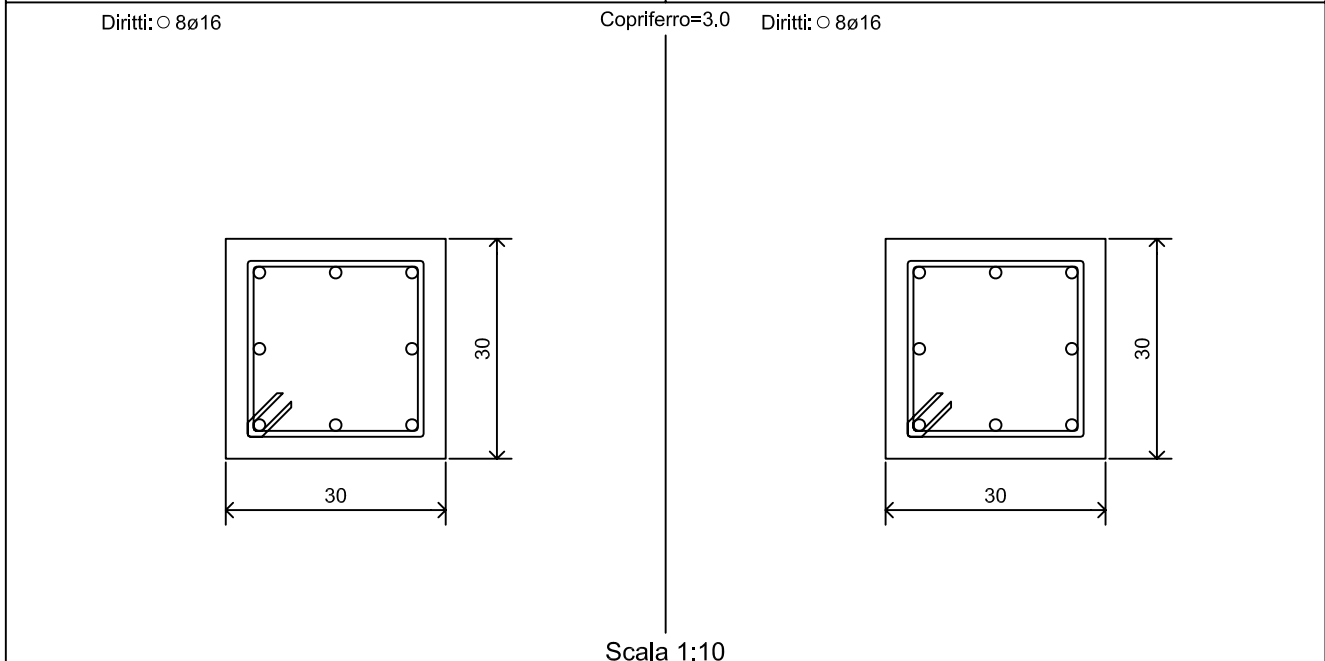
PIEDE (Q=0)	TESTA (Q=308)
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PILASTRO: 4 (filo)	IMP. 1
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Materiali Cls =C25/30 Acciaio =B450C	STAFFE ø 8/12 cm Da Q= 0 a Q= 82 ø 8/19 cm Da Q= 82 a Q= 198 ø 8/10 cm Da Q= 198 a Q= 280 ø 8/10 cm Da Q= 280 a Q= 308	STAFFE TIPO 1 ø 8 (24x 24 L= 112)	
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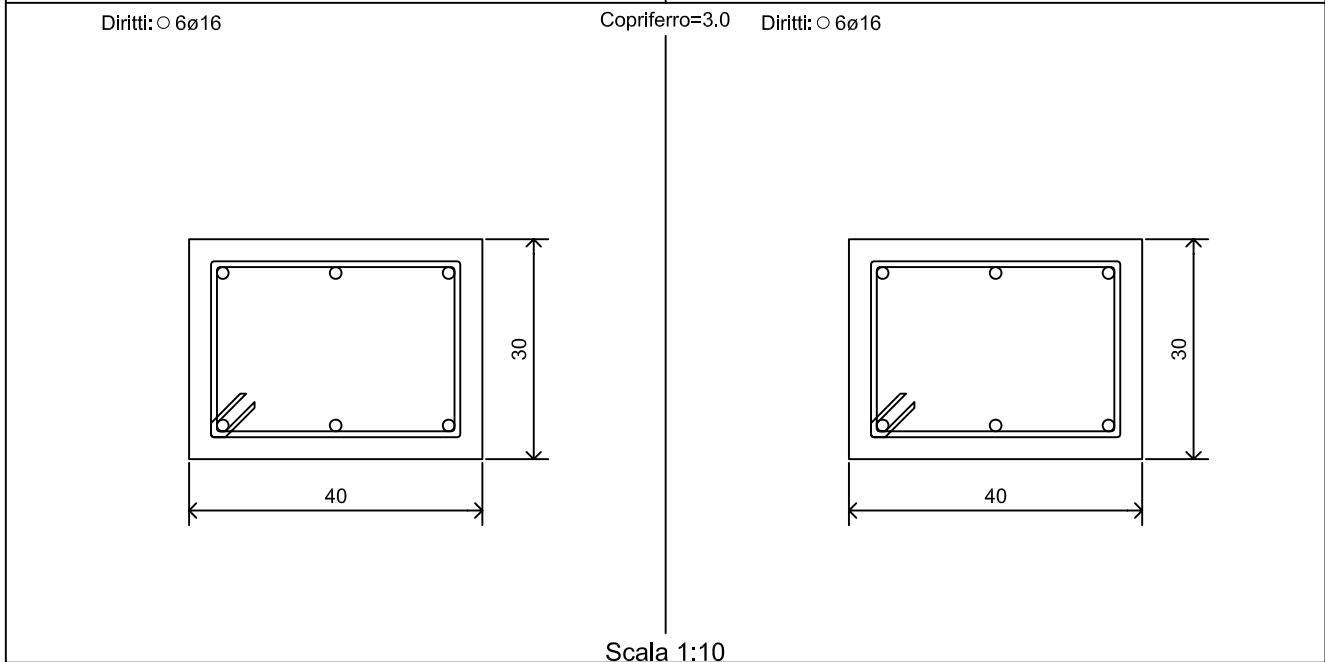
PIEDE (Q=0)	TESTA (Q=308)
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PILASTRO: 5 (filo)	IMP. 1
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Materiali Cls =C25/30 Acciaio =B450C	STAFFE ø 8/11 cm Da Q= 0 a Q= 82 ø 8/16 cm Da Q= 82 a Q= 198 ø 8/ 8 cm Da Q= 198 a Q= 280 ø 8/ 8 cm Da Q= 280 a Q= 308	STAFFE TIPO 1 ø 8 (24x 34 L= 132)	
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PIEDE (Q=0)	TESTA (Q=308)
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PILASTRO: 11 (filo)			IMP. 1
Materiali Cls =C25/30 Acciaio =B450C	STAFFE ø 8/12 cm Da Q= 0 a Q= 47 ø 8/19 cm Da Q= 47 a Q= 233 ø 8/12 cm Da Q= 233 a Q= 308	STAFFE TIPO 1 ø 8 (24x 24 L= 112)	
PIEDE (Q=0)		TESTA (Q=308)	
Diritti: ○ 8ø16		Copriferro=3.0 Diritti: ○ 8ø16	
Scala 1:10			

PILASTRO: 2 (filo)			IMP. 2
Materiali Cls =C25/30 Acciaio =B450C	STAFFE ø 8/12 cm Da Q= 0 a Q= 45 ø 8/19 cm Da Q= 45 a Q= 222 ø 8/12 cm Da Q= 222 a Q= 267 ø 8/12 cm Da Q= 267 a Q= 307	STAFFE TIPO 1 ø 8 (24x 24 L= 112)	
PIEDE (Q=308)		TESTA (Q=616)	
Diritti: ○ 8ø16		Copriferro=3.0 Diritti: ○ 8ø16	
Scala 1:10			

PILASTRO: 3 (filo)			IMP. 2
Materiali Cls =C25/30 Acciaio =B450C	STAFFE ø 8/12 cm Da Q= 0 a Q= 45 ø 8/19 cm Da Q= 45 a Q= 223 ø 8/12 cm Da Q= 223 a Q= 268 ø 8/12 cm Da Q= 268 a Q= 308	STAFFE TIPO 1 ø 8 (24x 24 L= 112)	
PIEDE (Q=308)		TESTA (Q=616)	
Diritti: ○ 8ø16		Copriferro=3.0 Diritti: ○ 8ø16	
Scala 1:10			

PILASTRO: 4 (filo)			IMP. 2
Materiali Cls =C25/30 Acciaio =B450C	STAFFE ø 8/12 cm Da Q= 0 a Q= 47 ø 8/19 cm Da Q= 47 a Q= 233 ø 8/12 cm Da Q= 233 a Q= 280 ø 8/12 cm Da Q= 280 a Q= 308	STAFFE TIPO 1 ø 8 (24x 24 L= 112)	
PIEDE (Q=308)		TESTA (Q=616)	
Diritti: ○ 8ø16		Copriferro=3.0 Diritti: ○ 8ø16	
Scala 1:10			

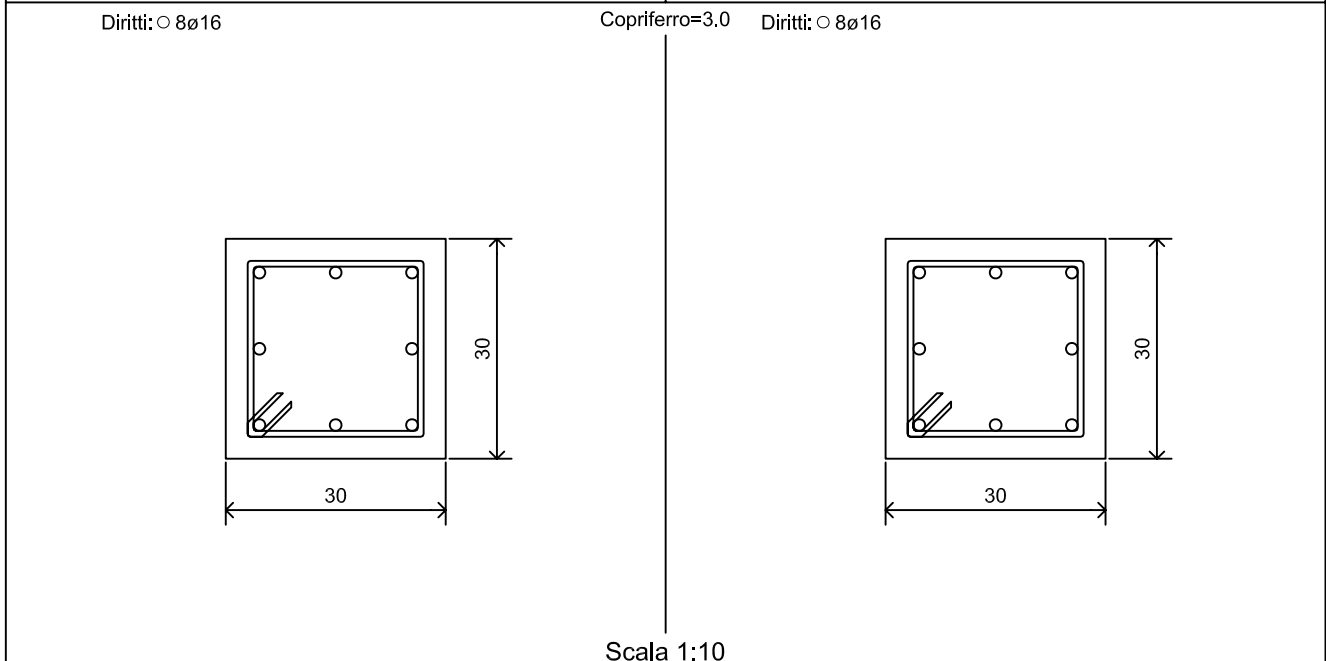
PILASTRO: 5 (filo)			IMP. 2
Materiali Cls =C25/30 Acciaio =B450C	STAFFE ø 8/11 cm Da Q= 0 a Q= 47 ø 8/19 cm Da Q= 47 a Q= 233 ø 8/11 cm Da Q= 233 a Q= 280 ø 8/9 cm Da Q= 280 a Q= 308	STAFFE TIPO 1 ø 8 (24x 34 L= 132)	
PIEDE (Q=308)		TESTA (Q=616)	
Diritti: ○ 8ø16		Copriferro=3.0 Diritti: ○ 8ø16	
Scala 1:10			

PILASTRO: 11 (filo)			IMP. 2
Materiali Cls =C25/30 Acciaio =B450C	STAFFE ø 8/12 cm Da Q= 0 a Q= 47 ø 8/19 cm Da Q= 47 a Q= 233 ø 8/12 cm Da Q= 233 a Q= 308	STAFFE TIPO 1 ø 8 (24x 24 L= 112)	
PIEDE (Q=308)		TESTA (Q=616)	
Diritti: ○ 8ø16		Copriferro=3.0 Diritti: ○ 8ø16	
Scala 1:10			

PILASTRI: 2-3 (fili)	IMP. 3
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Materiali Cls =C25/30 Acciaio =B450C	STAFFE ø 8/12 cm Da Q= 0 a Q= 45 ø 8/19 cm Da Q= 45 a Q= 175 ø 8/12 cm Da Q= 175 a Q= 220 ø 8/12 cm Da Q= 220 a Q= 248	STAFFE TIPO 1 ø 8 (24x 24 L= 112)	
---	---	---	--

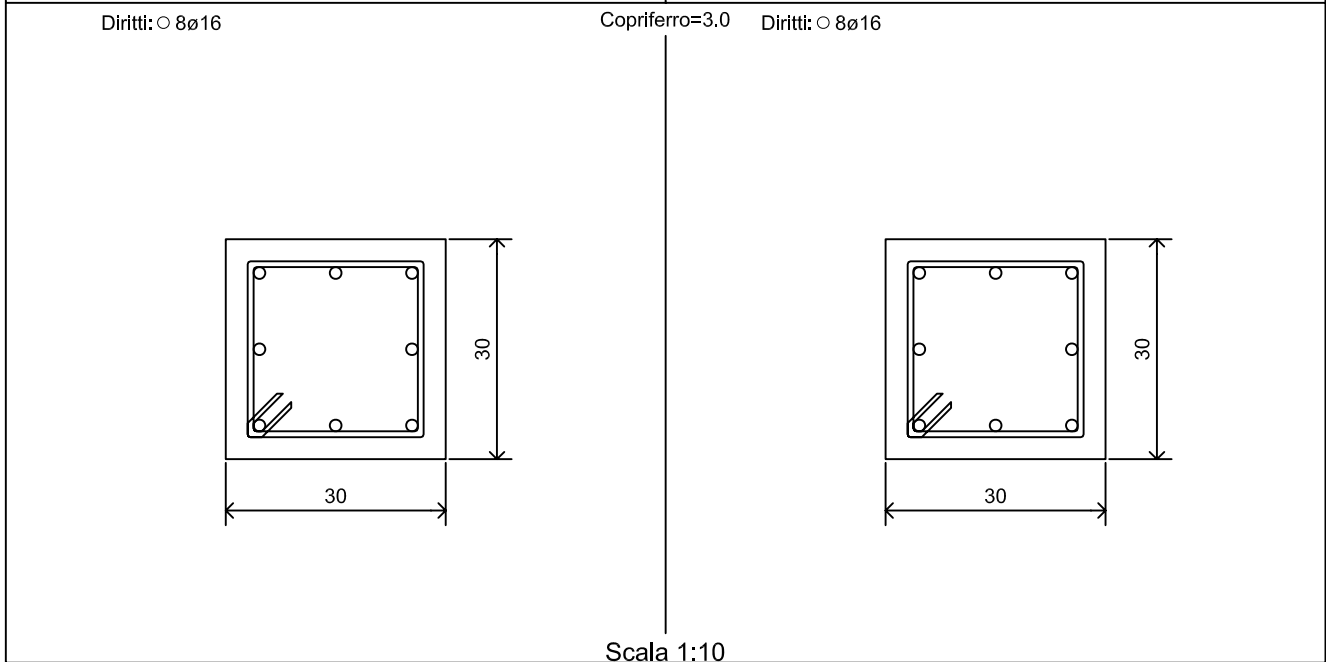
PIEDE (Q=616)	TESTA (Q=864)
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PILASTRO: 4 (filo)	IMP. 3
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Materiali Cls =C25/30 Acciaio =B450C	STAFFE ø 8/11 cm Da Q= 0 a Q= 45 ø 8/19 cm Da Q= 45 a Q= 175 ø 8/11 cm Da Q= 175 a Q= 220 ø 8/11 cm Da Q= 220 a Q= 248	STAFFE TIPO 1 ø 8 (24x 24 L= 112)	
---	---	---	--

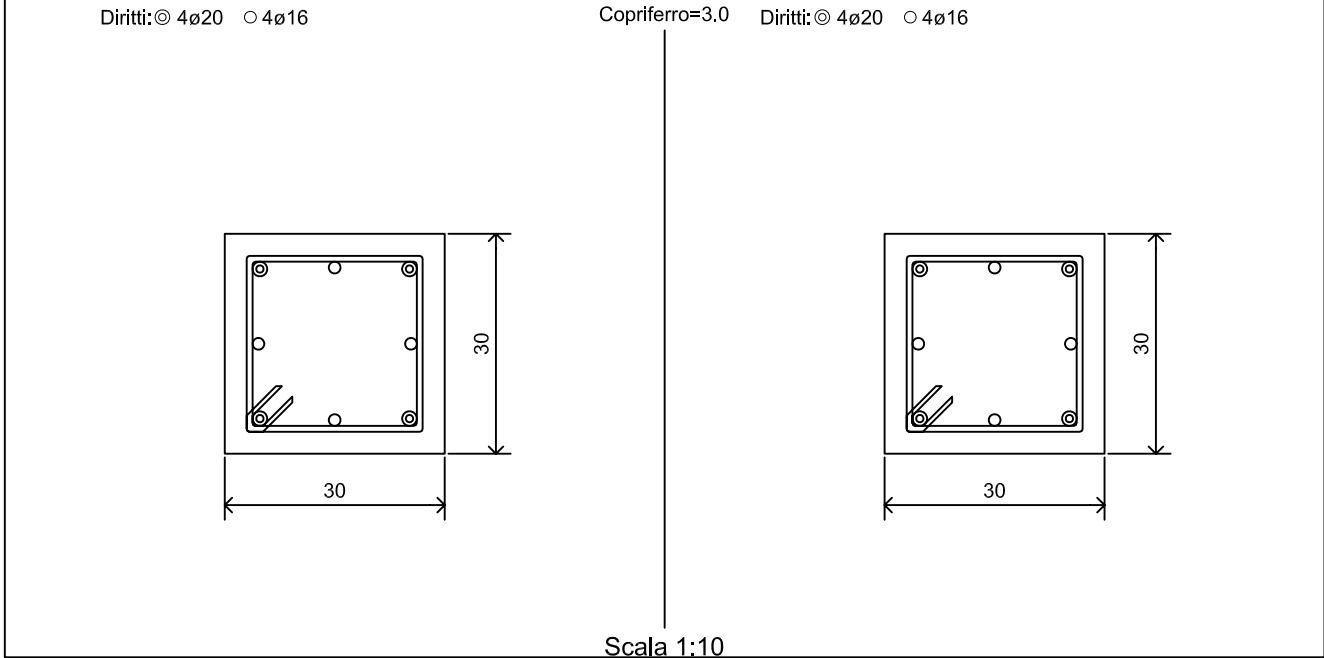
PIEDE (Q=616)	TESTA (Q=864)
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PILASTRO: 5 (filo) IMP. 3

Materiali Cls =C25/30 Acciaio =B450C	STAFFE ø 8/ 9 cm Da Q= 0 a Q= 45 ø 8/19 cm Da Q= 45 a Q= 175 ø 8/ 9 cm Da Q= 175 a Q= 220 ø 8/ 9 cm Da Q= 220 a Q= 248	STAFFE TIPO 1 ø 8 (24x 24 L= 112)	
---	---	---	--

PIEDE (Q=616) **TESTA (Q=864)**



Comune di SANTO STEFANO DI CAMASTRA

Provincia di MESSINA

ESECUTIVI DI CANTIERE

Pilastrate

Oggetto: **Calcolo delle strutture in C.A. perla realizzazione di fabbricati daadibire a residenze
(Condominio 1)**

Ditta: Bruno Costruzione

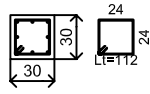
Data:

Materiali

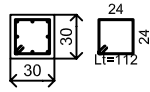
**CLS
C25/30
ACCIAIO LONGITUDINALI
B450C
ACCIAIO STAFFE
B450C**

Pilastrata 2

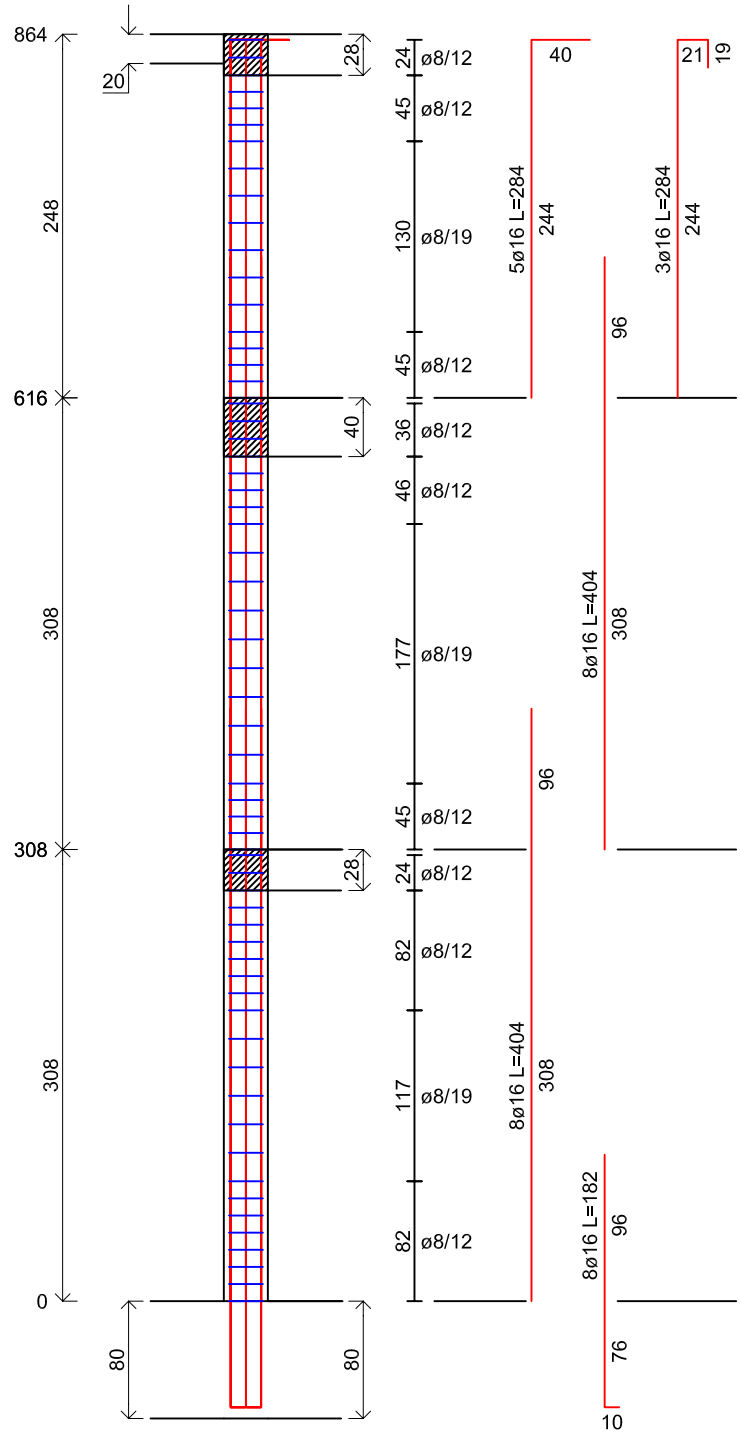
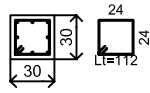
Cls = C25/30
Acciaio = B450C



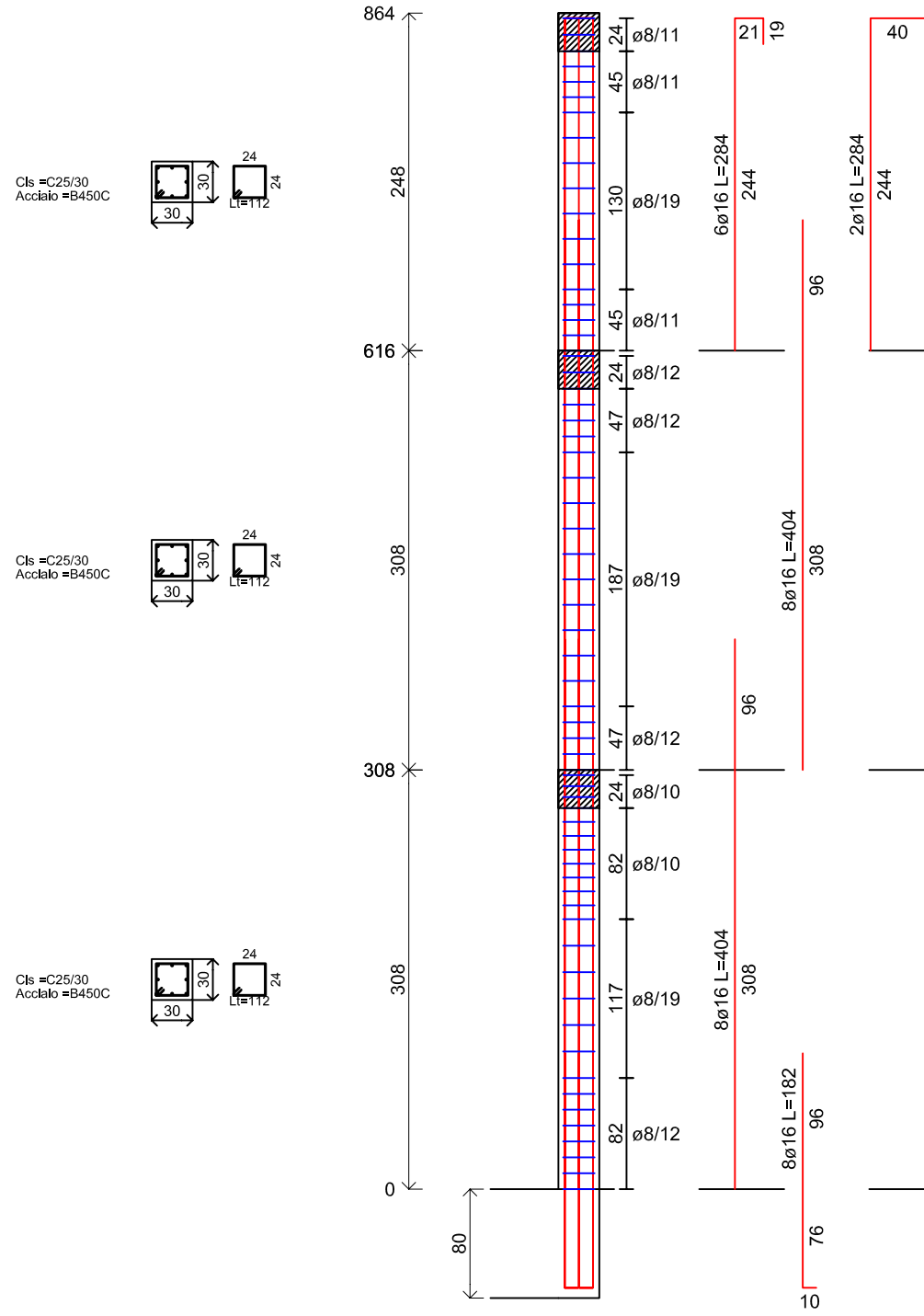
Cls = C25/30
Acciaio = B450C



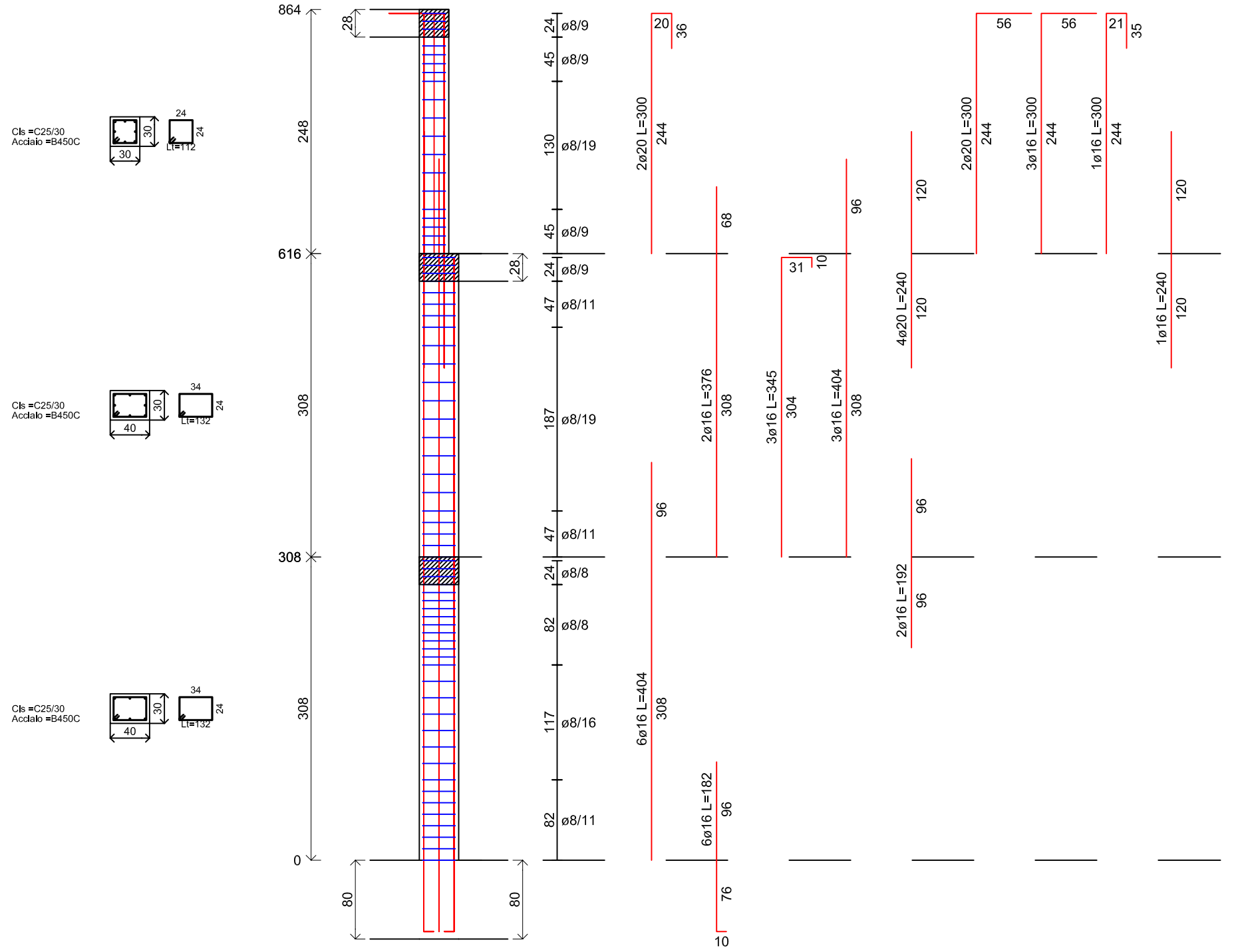
Cls = C25/30
Acciaio = B450C



Pilastrata 4



Pilastrata 5



Comune di SANTO STEFANO DI CAMASTRA

Provincia di MESSINA

ESECUTIVI DI CANTIERE

Pareti

Oggetto: **Calcolo delle strutture in C.A. perla realizzazione di fabbricati daadibire a residenze
(Condominio 1)**

Ditta: Bruno Costruzione

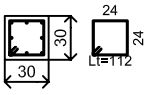
Data:

Materiali

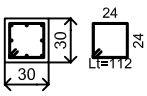
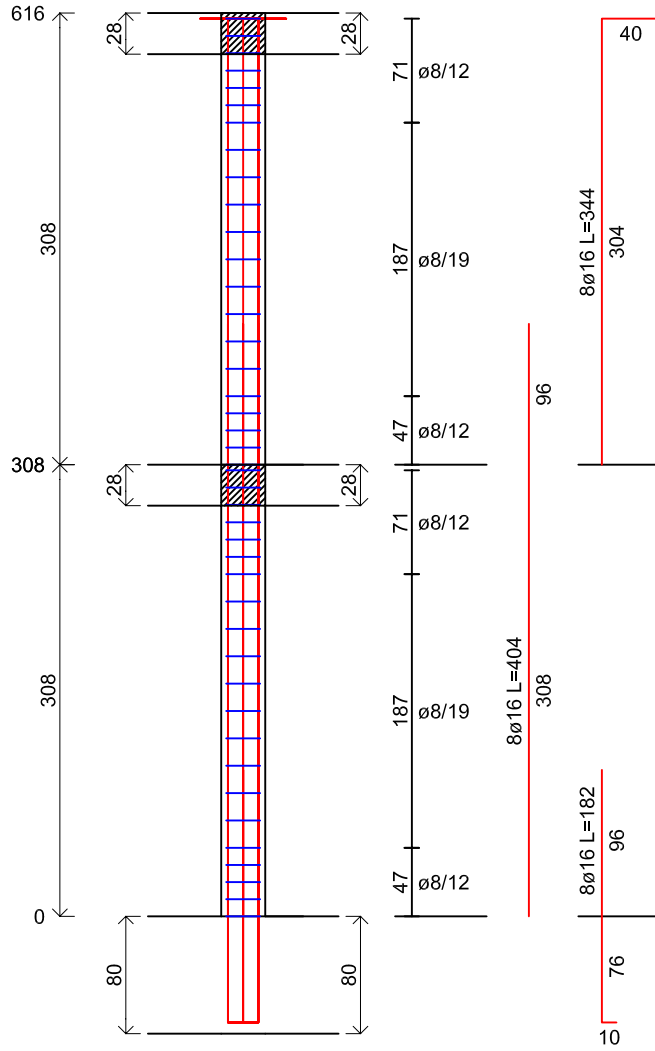
**CLS
C25/30
ACCIAIO LONGITUDINALI
B450C
ACCIAIO STAFFE
B450C**

Pilastrata 11

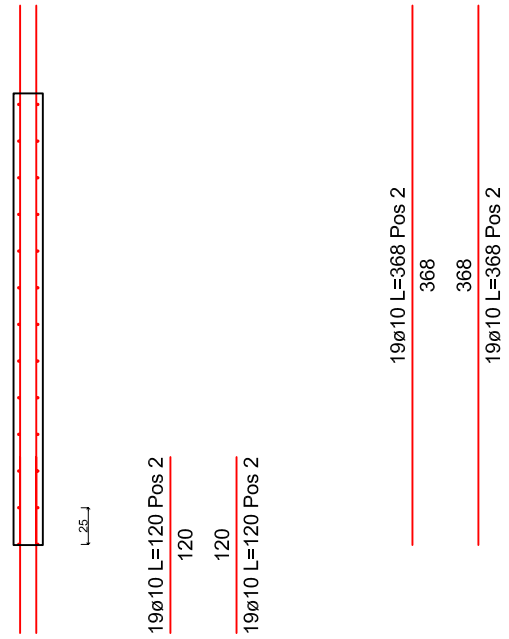
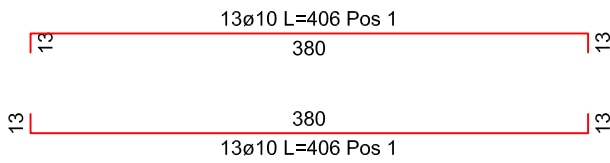
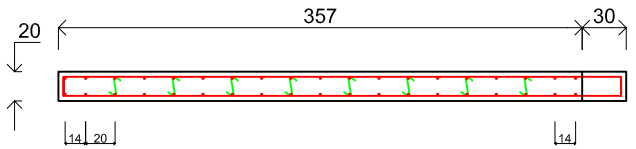
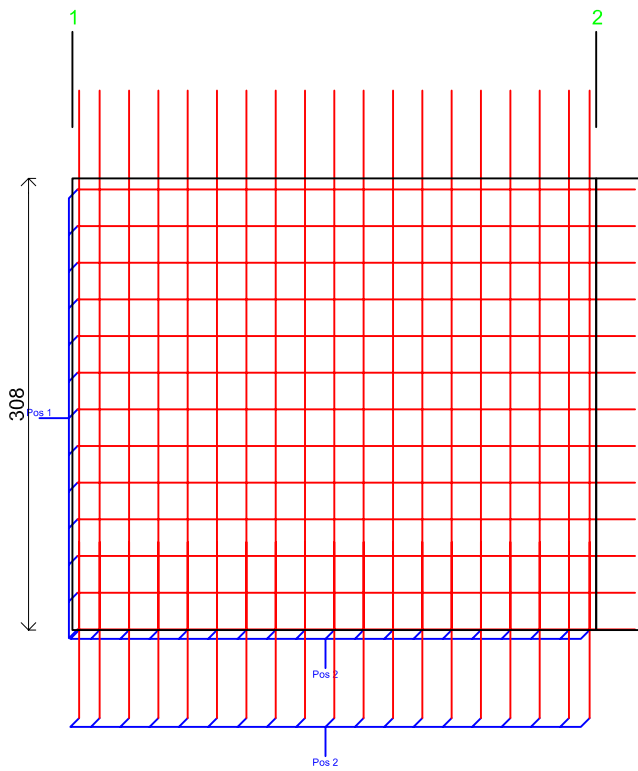
Cls = C25/30
Acciaio = B450C



Cls = C25/30
Acciaio = B450C

Parete non Dissipativa1 IMP. 1 Fili Fissi 1-2



Materiali

Cls	C25/30
Acciaio	B450C

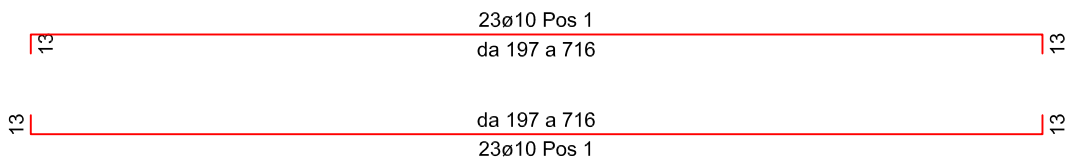
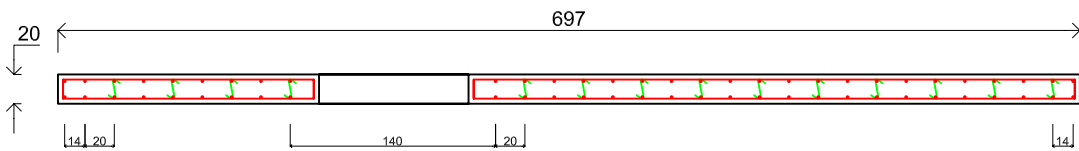
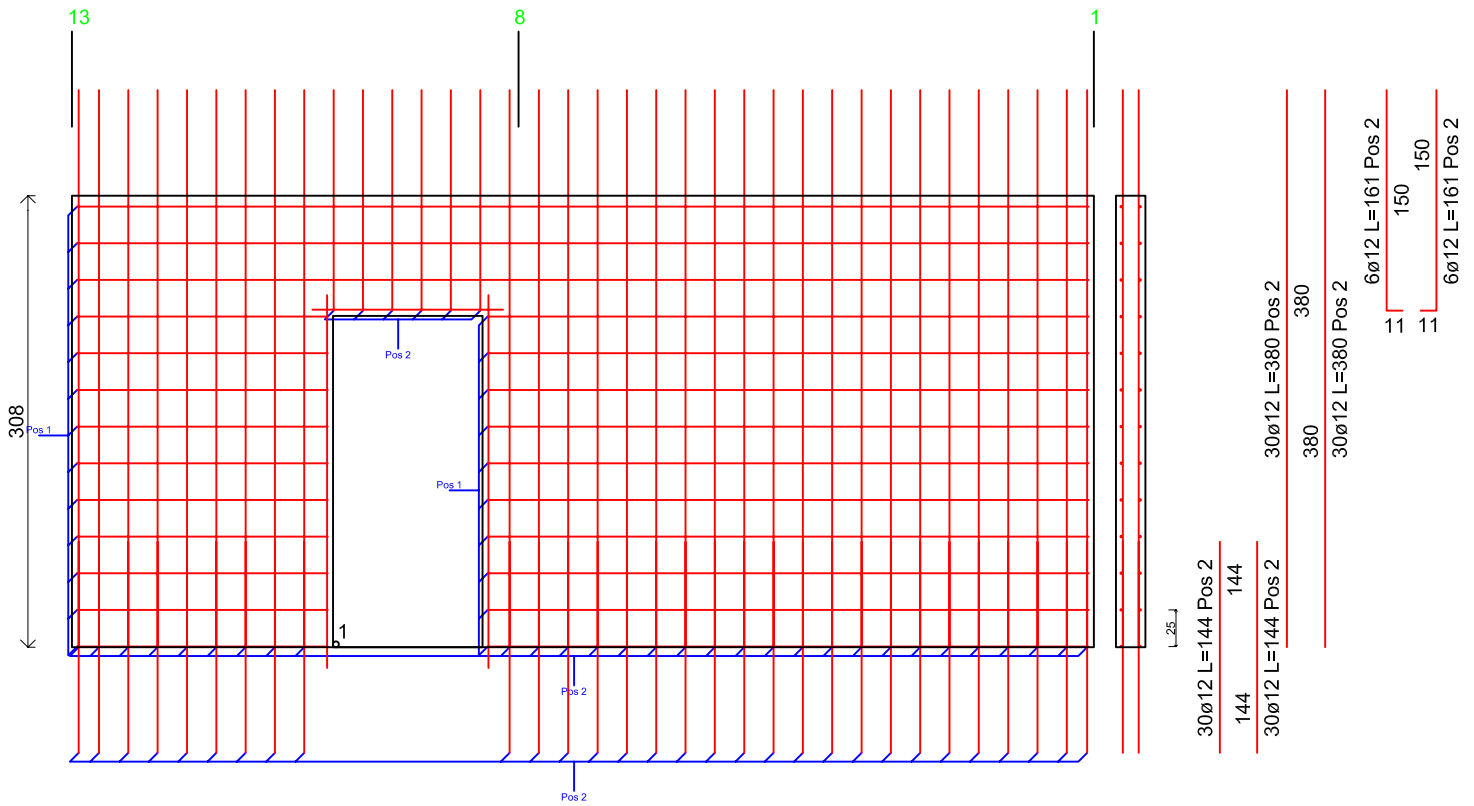
Armature

TIPO	ø	Passo	Pos
Oriz.	10	25	1
Vert.	10	20	2

LEGATURE

Zona	ø	Passo Oriz	Passo Vert
Non Conf	8	40	25
Conf	8	40	25

Parete non Dissipativa2 IMP. 1 Fili Fissi 13-8-1



Materiali

Cls	C25/30
Acciaio	B450C

Armature

TIPO	ø	Passo	Pos
Oriz.	10	25	1
Vert.	12	20	2

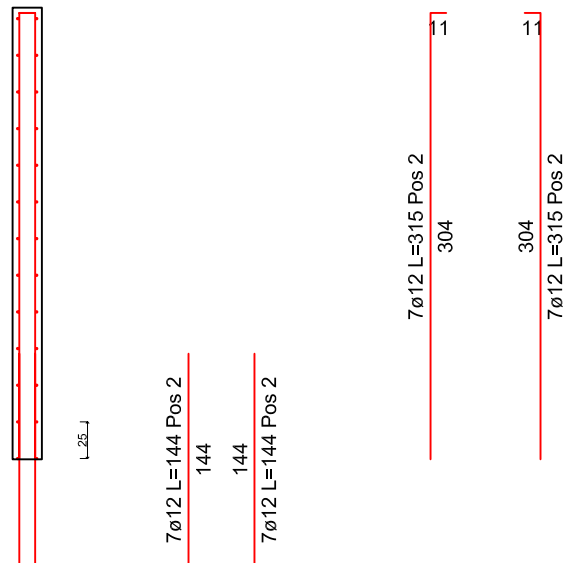
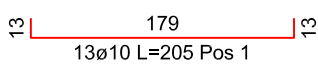
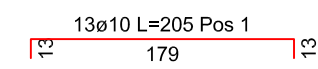
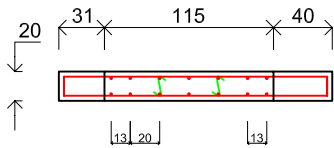
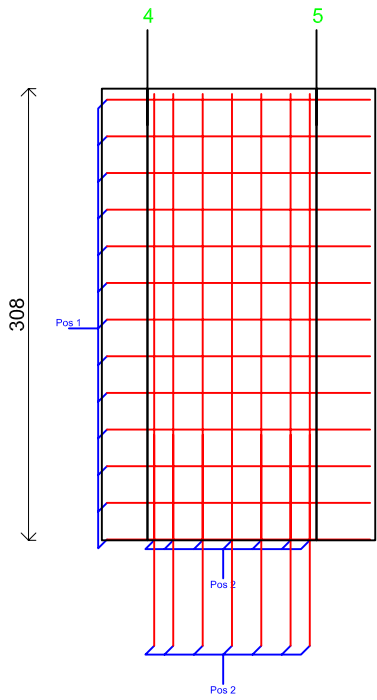
LEGATURE

Zona	ø	Passo Oriz	Passo Vert
Non Conf	8	40	25
Conf	8	40	25

Fori

NUM.	X	Y	Lx	Ly
1	178	0	102	226

Parete non Dissipativa3 IMP. 1 Fili Fissi 4-5



Materiali

Cls	C25/30
Acciaio	B450C

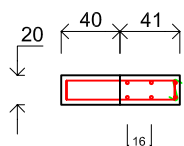
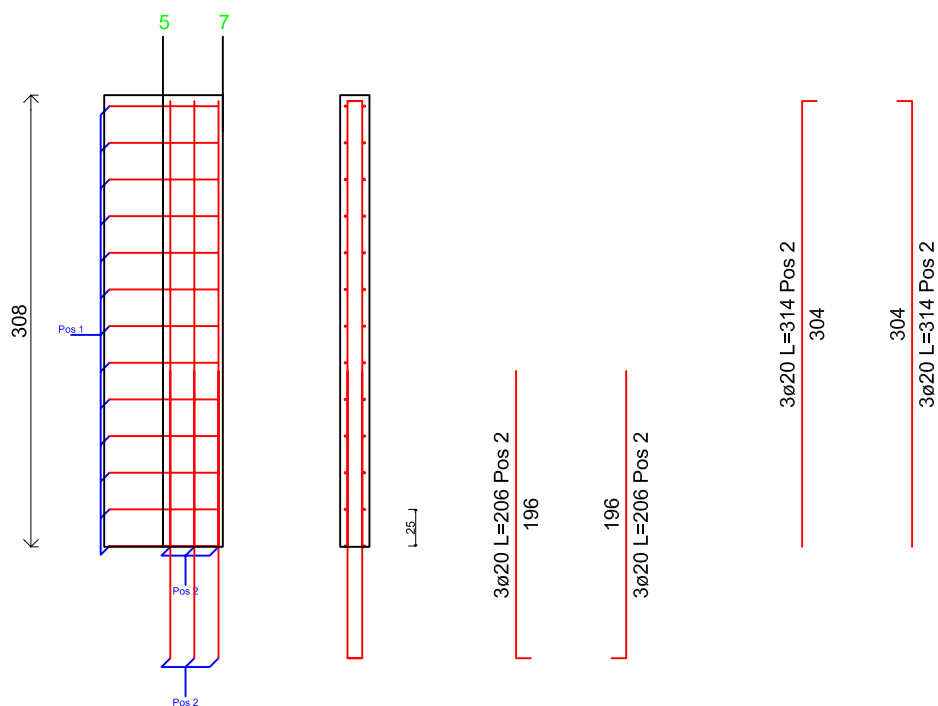
Armature

TIPO	ø	Passo	Pos
Oriz.	10	25	1
Vert.	12	20	2

LEGATURE

Zona	ø	Passo Oriz	Passo Vert
Non Conf	8	40	25
Conf	8	40	25

Parete non Dissipativa4 IMP. 1 Fili Fissi 5-7



13ø10 L=100 Pos 1
 13 74 13

13 74 13
 13ø10 L=100 Pos 1

Materiali

Cls	C25/30
Acciaio	B450C

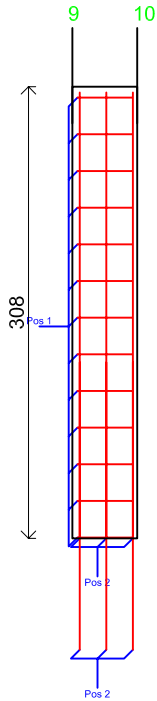
Armature

TIPO	ø	Passo	Pos
Oriz.	10	25	1
Vert.	20	20	2

LEGATURE

Zona	ø	Passo Oriz	Passo Vert
Non Conf	8	40	25
Conf	8	40	25

Parete non Dissipativa5 IMP. 1 Fili Fissi 9-10



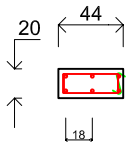
L=25

3 ϕ 20 L=206 Pos 2
196

3 ϕ 20 L=206 Pos 2
196

3 ϕ 20 L=314 Pos 2
304

3 ϕ 20 L=314 Pos 2
304



13 ϕ 10 L=63 Pos 1
13 37 13

13 ϕ 10 L=63 Pos 1
13 37 13

Materiali

Cls	C25/30
Acciaio	B450C

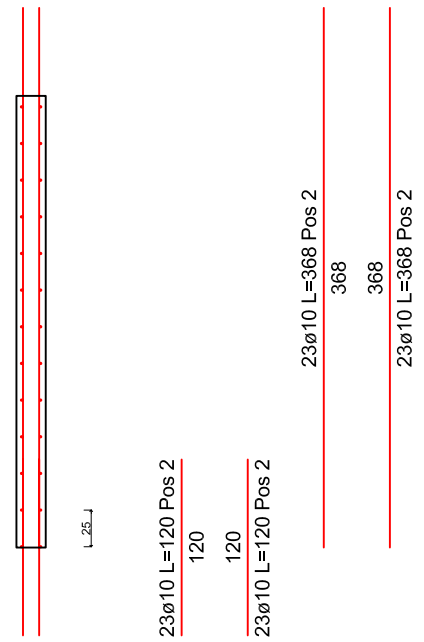
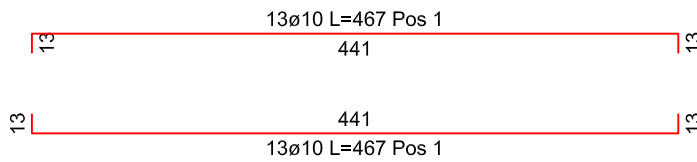
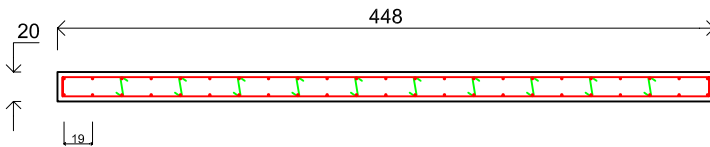
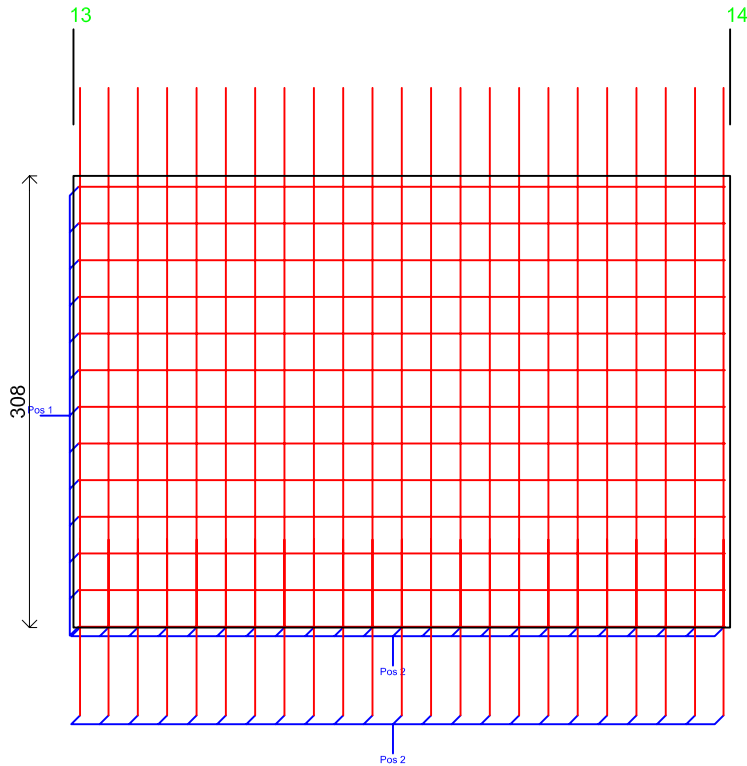
Armature

TIPO	ϕ	Passo	Pos
Oriz.	10	25	1
Vert.	20	20	2

LEGATURE

Zona	ϕ	Passo Oriz	Passo Vert
Non Conf	8	40	25
Conf	8	40	25

Parete non Dissipativa7 IMP. 1 Fili Fissi 13-14



Materiali

Cis	C25/30
Acciaio	B450C

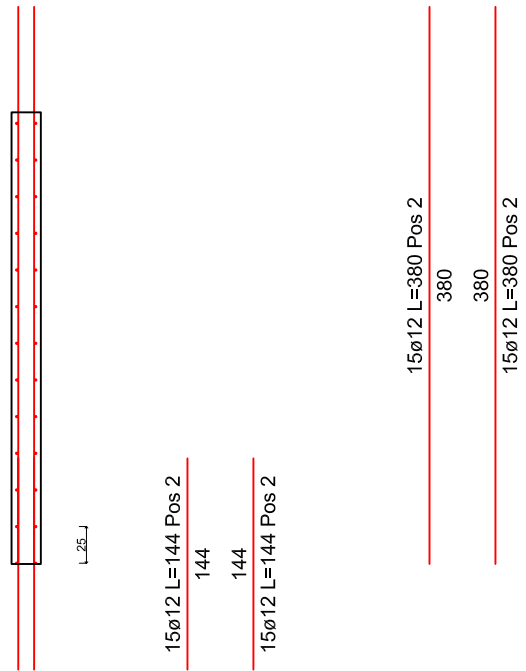
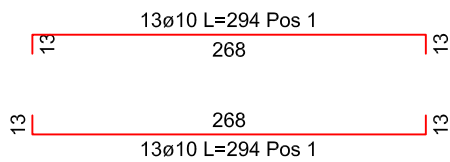
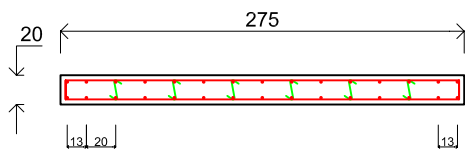
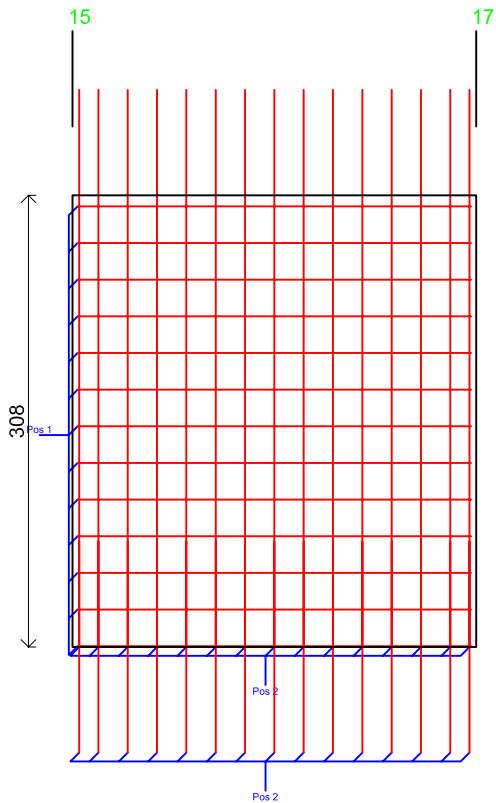
Armature

TIPO	ø	Passo	Pos
Oriz.	10	25	1
Vert.	10	20	2

LEGATURE

Zona	ø	Passo Oriz	Passo Vert
Non Conf	8	40	25
Conf	8	40	25

Parete non Dissipativa9 IMP. 1 Fili Fissi 15-17



Materiali

Cls	C25/30
Acciaio	B450C

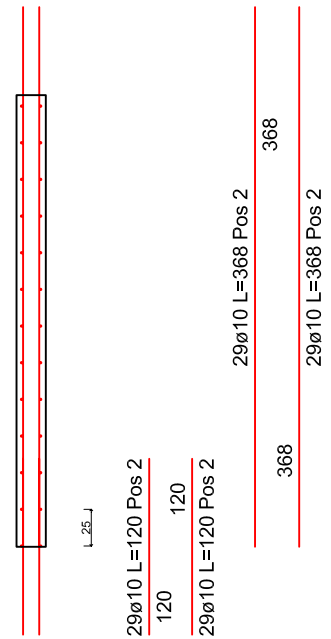
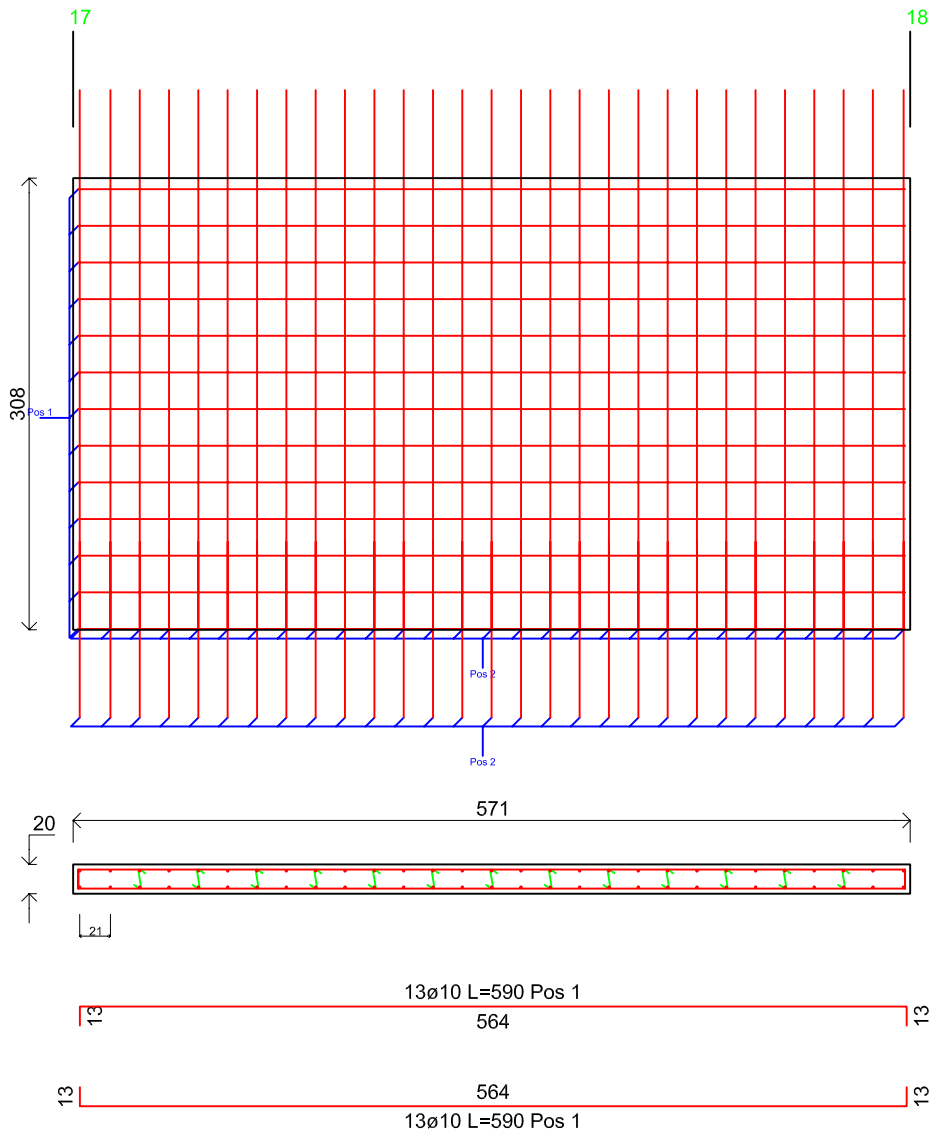
Armature

TIPO	ø	Passo	Pos
Oriz.	10	25	1
Vert.	12	20	2

LEGATURE

Zona	ø	Passo Oriz	Passo Vert
Non Conf	8	40	25
Conf	8	40	25

Parete non Dissipativa10 IMP. 1 Fili Fissi 17-18



Materiali

Cls	C25/30
Acciaio	B450C

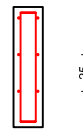
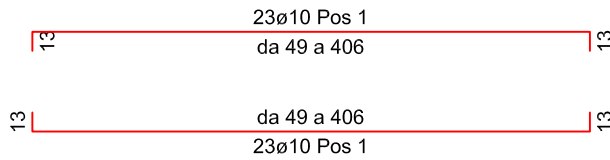
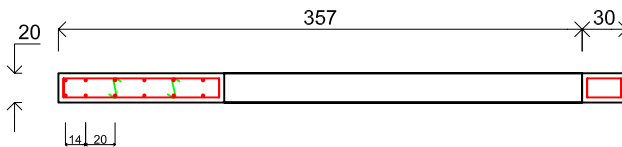
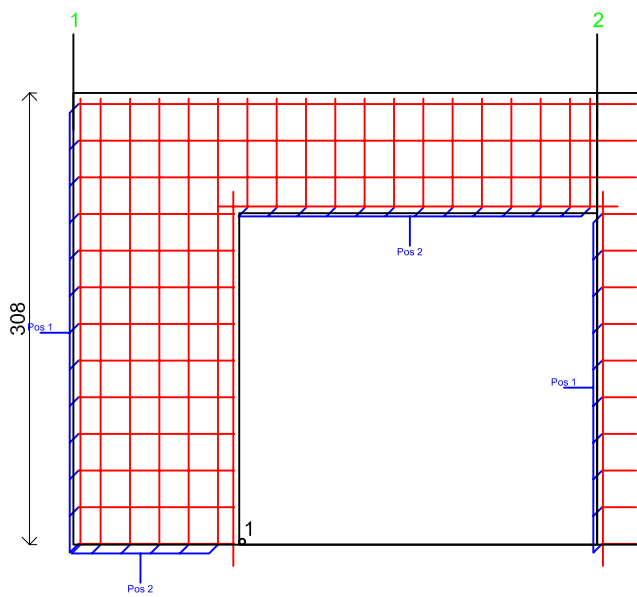
Armature

TIPO	ø	Passo	Pos
Oriz.	10	25	1
Vert.	10	20	2

LEGATURE

Zona	ø	Passo Oriz	Passo Vert
Non Conf	8	40	25
Conf	8	40	25

Parete non Dissipativa11 IMP. 2 Fili Fissi 1-2



6ø16 L=314 Pos 2

304

6ø16 L=314 Pos 2

304

13ø16 L=94 Pos 2

74

13ø16 L=94 Pos 2

74

Materiali

Cls	C25/30
Acciaio	B450C

Armature

TIPO	ø	Passo	Pos
Oriz.	10	25	1
Vert.	16	20	2

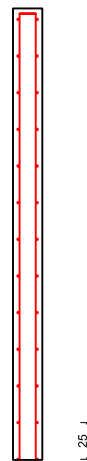
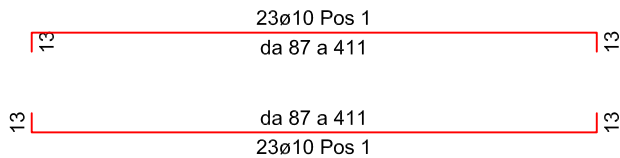
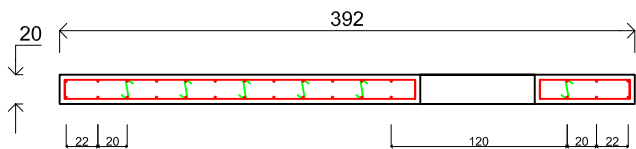
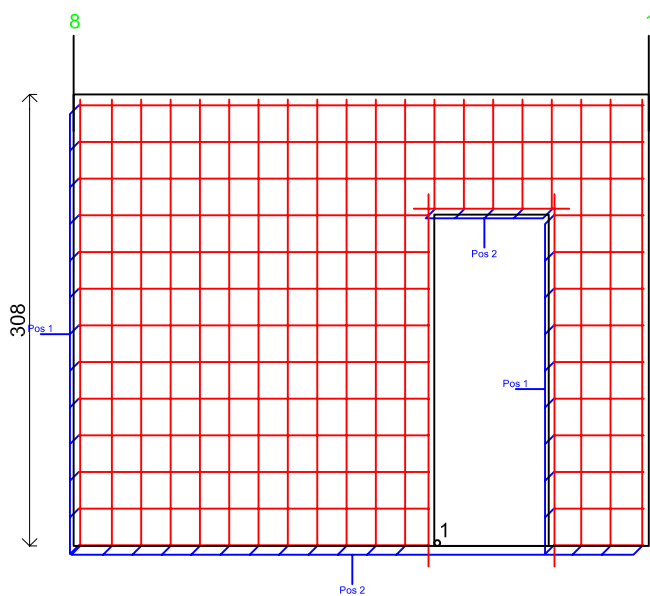
LEGATURE

Zona	ø	Passo Oriz	Passo Vert
Non Conf	8	40	25
Conf	8	40	25

Fori

NUM.	X	Y	Lx	Ly
1	113	0	244	226

Parete non Dissipativa12 IMP. 2 Fili Fissi 8-1



15 ϕ 10 L=316 Pos 2
305

15 ϕ 10 L=316 Pos 2
305

5 ϕ 10 L=97 Pos 2
11
75

5 ϕ 10 L=97 Pos 2
11
75

Materiali

Cls	C25/30
Acciaio	B450C

Armature

TIPO	ϕ	Passo	Pos
Oriz.	10	25	1
Vert.	10	20	2

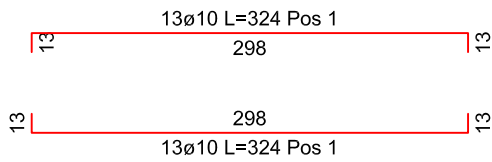
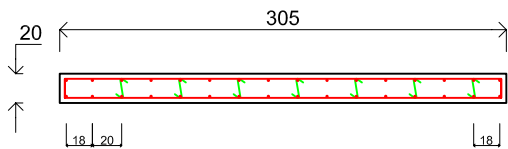
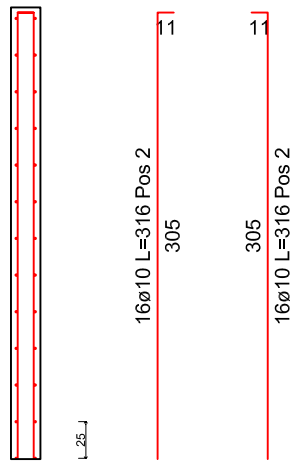
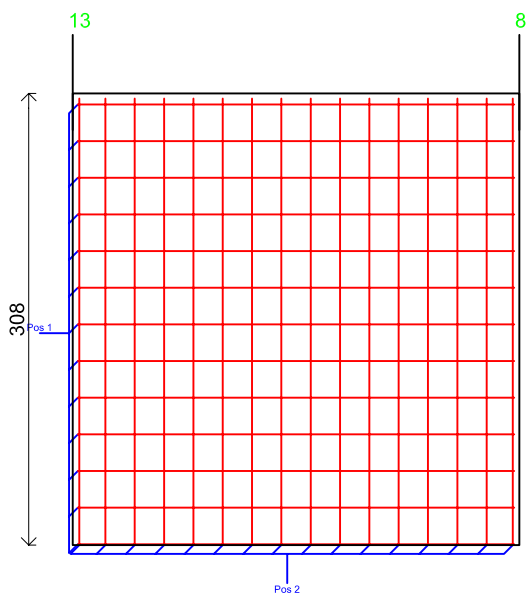
LEGATURE

Zona	ϕ	Passo Oriz	Passo Vert
Non Conf	8	40	25
Conf	8	40	25

Fori

NUM.	X	Y	Lx	Ly
1	246	0	78	226

Parete non Dissipativa 13 IMP. 2 Fili Fissi 13-8



Materiali

Cls	C25/30
Acciaio	B450C

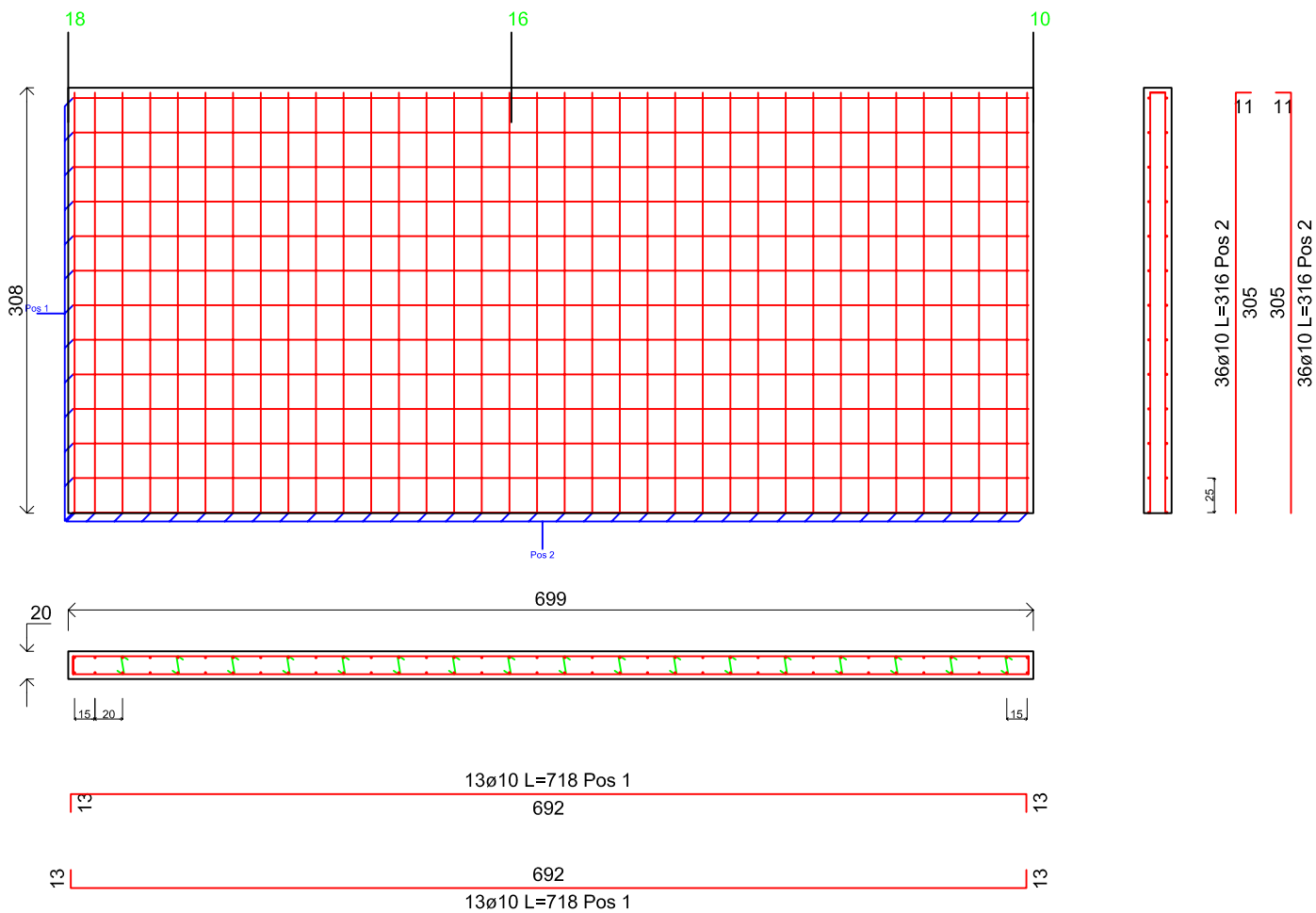
Armature

TIPO	ø	Passo	Pos
Oriz.	10	25	1
Vert.	10	20	2

LEGATURE

Zona	ø	Passo Oriz	Passo Vert
Non Conf	8	40	25
Conf	8	40	25

Parete non Dissipativa14 IMP. 2 Fili Fissi 18-16-10



Materiali

Cls	C25/30
Acciaio	B450C

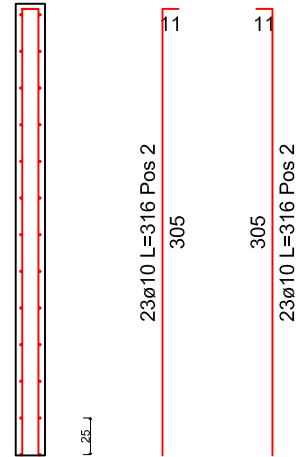
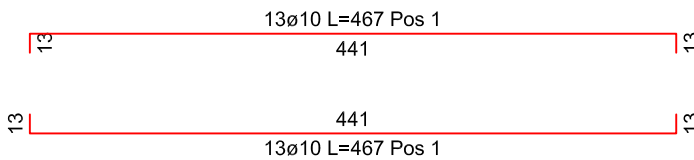
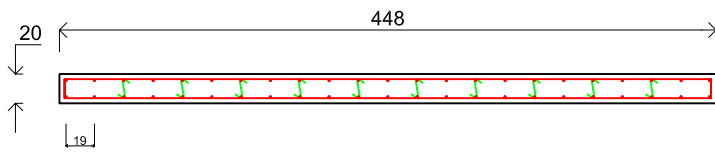
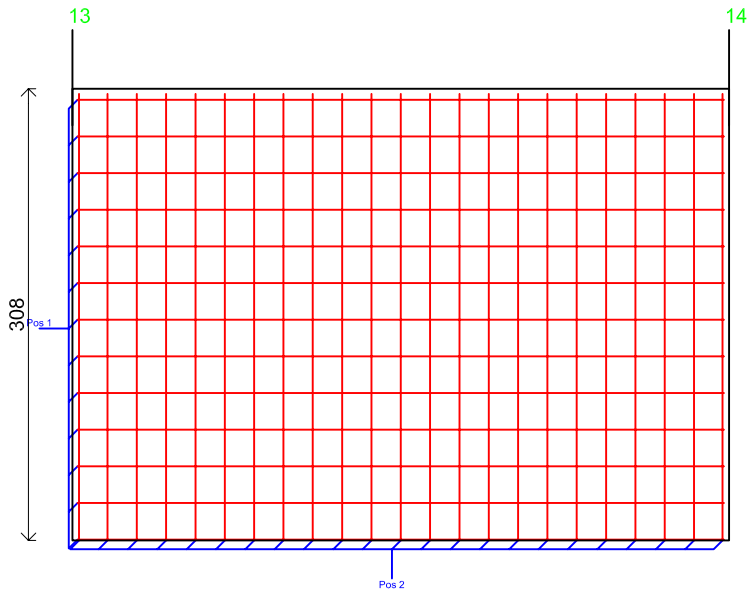
Armature

TIPO	\varnothing	Passo	Pos
Oriz.	10	25	1
Vert.	10	20	2

LEGATURE

Zona	\varnothing	Passo Oriz	Passo Vert
Non Conf	8	40	25
Conf	8	40	25

Parete non Dissipativa15 IMP. 2 Fili Fissi 13-14



Materiali

Cls	C25/30
Acciaio	B450C

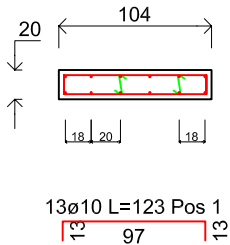
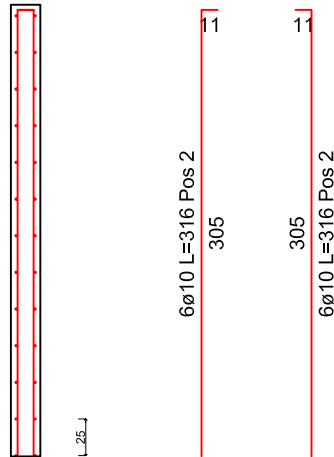
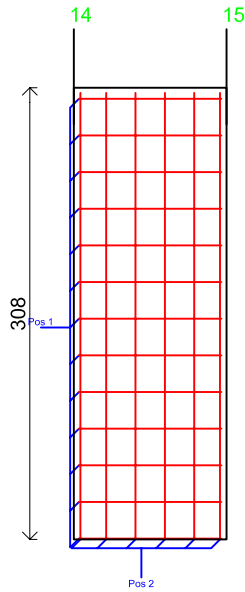
Armature

TIPO	ø	Passo	Pos
Oriz.	10	25	1
Vert.	10	20	2

LEGATURE

Zona	ø	Passo Oriz	Passo Vert
Non Conf	8	40	25
Conf	8	40	25

Parete non Dissipativa16 IMP. 2 Fili Fissi 14-15



13ø10 L=123 Pos 1
13 97 13

13 97 13
13ø10 L=123 Pos 1

Materiali

Cls	C25/30
Acciaio	B450C

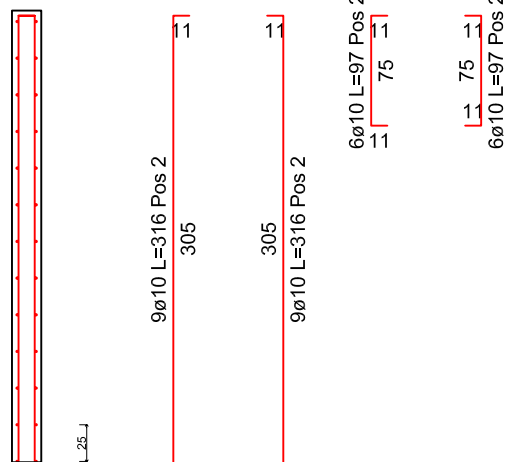
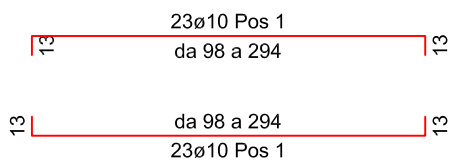
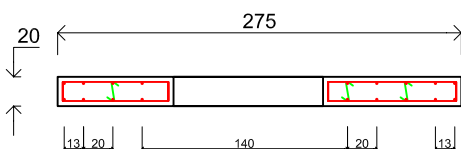
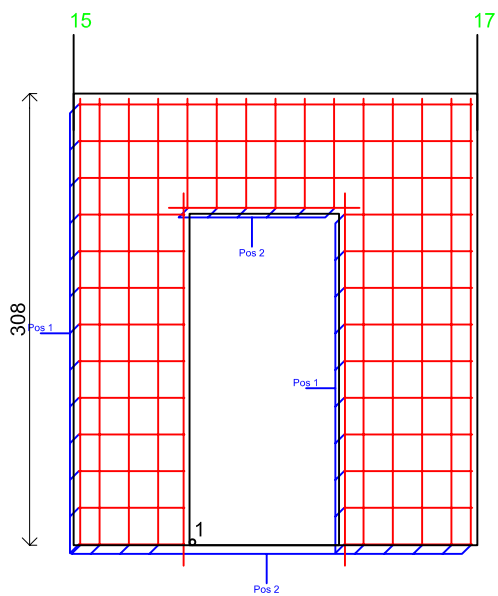
Armature

TIPO	ø	Passo	Pos
Oriz.	10	25	1
Vert.	10	20	2

LEGATURE

Zona	ø	Passo Oriz	Passo Vert
Non Conf	8	40	25
Conf	8	40	25

Parete non Dissipativa17 IMP. 2 Fili Fissi 15-17



Materiali

Cls	C25/30
Acciaio	B450C

Armature

TIPO	ø	Passo	Pos
Oriz.	10	25	1
Vert.	10	20	2

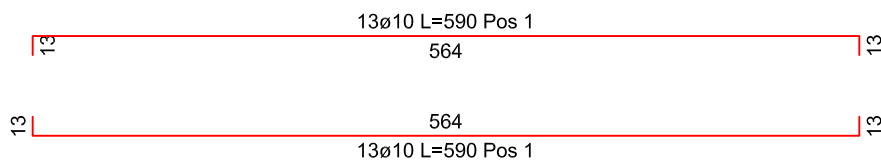
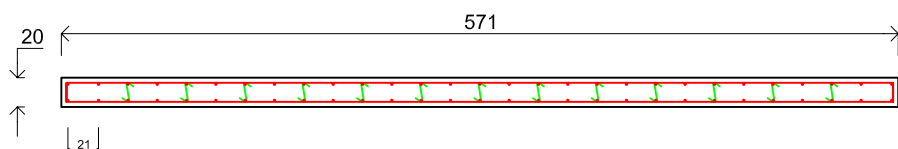
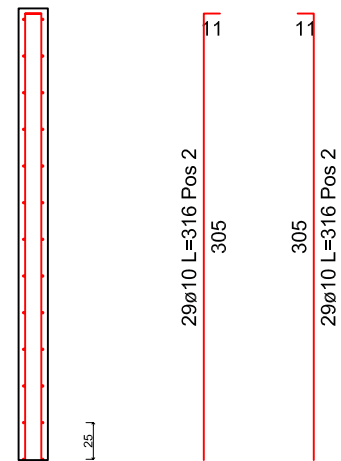
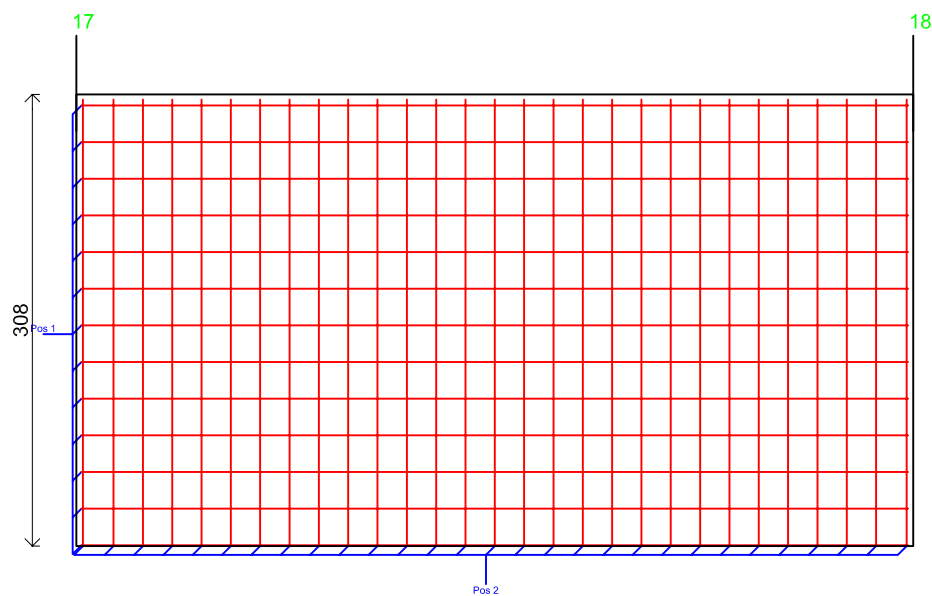
LEGATURE

Zona	ø	Passo Oriz	Passo Vert
Non Conf	8	40	25
Conf	8	40	25

Fori

NUM.	X	Y	Lx	Ly
1	79	0	102	226

Parete non Dissipativa18 IMP. 2 Fili Fissi 17-18



Materiali

Cls	C25/30
Acciaio	B450C

Armature

TIPO	ø	Passo	Pos
Oriz.	10	25	1
Vert.	10	20	2

LEGATURE

Zona	ø	Passo Oriz	Passo Vert
Non Conf	8	40	25
Conf	8	40	25