

Comune di FERRARA (FE)

Lavoro: STRUTTURA PREFABBRICATA

Committente: I.T.I. COSTRUZIONI GENERALI S.P.A.

COMUNE DI FERRARA

REALIZZAZIONE DELLA NUOVA SEDE DEL CENTRO UNIFICATO PER L'EMERGENZA DELLA  
PROTEZIONE CIVILE A FERRARA EMERGENZA SISMA REGIONE EMILIA ROMAGNA

Cantiere: FERRARA (FE)

Oggetto: DISEGNI STRUTTURA PREFABBRICATA

Strutture prefabbricate  
(Legge 5 novembre 1971, n. 1086 art.4)

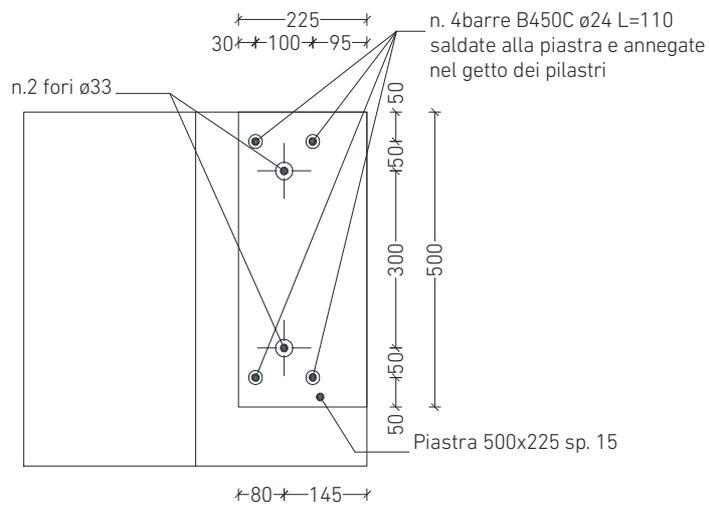
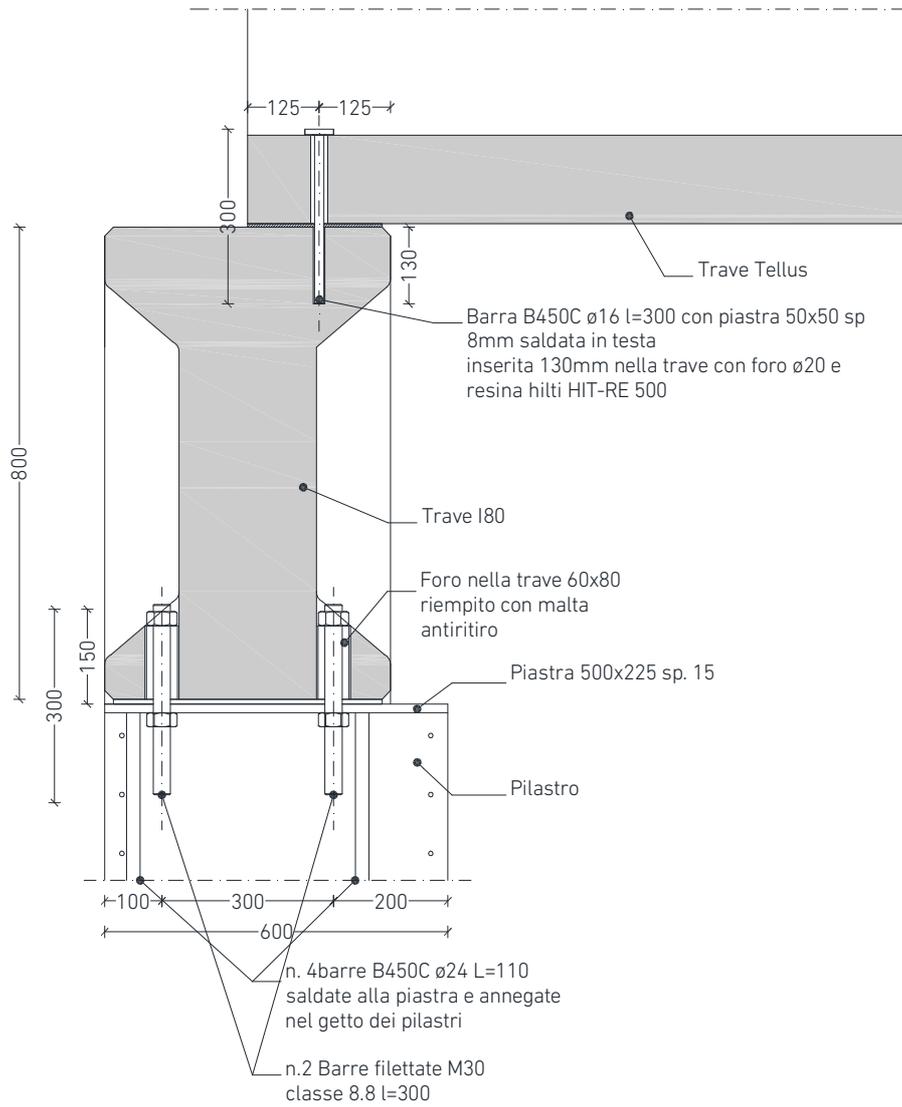
Progettista delle strutture prefabbricate

Ing. Andrea Riboli

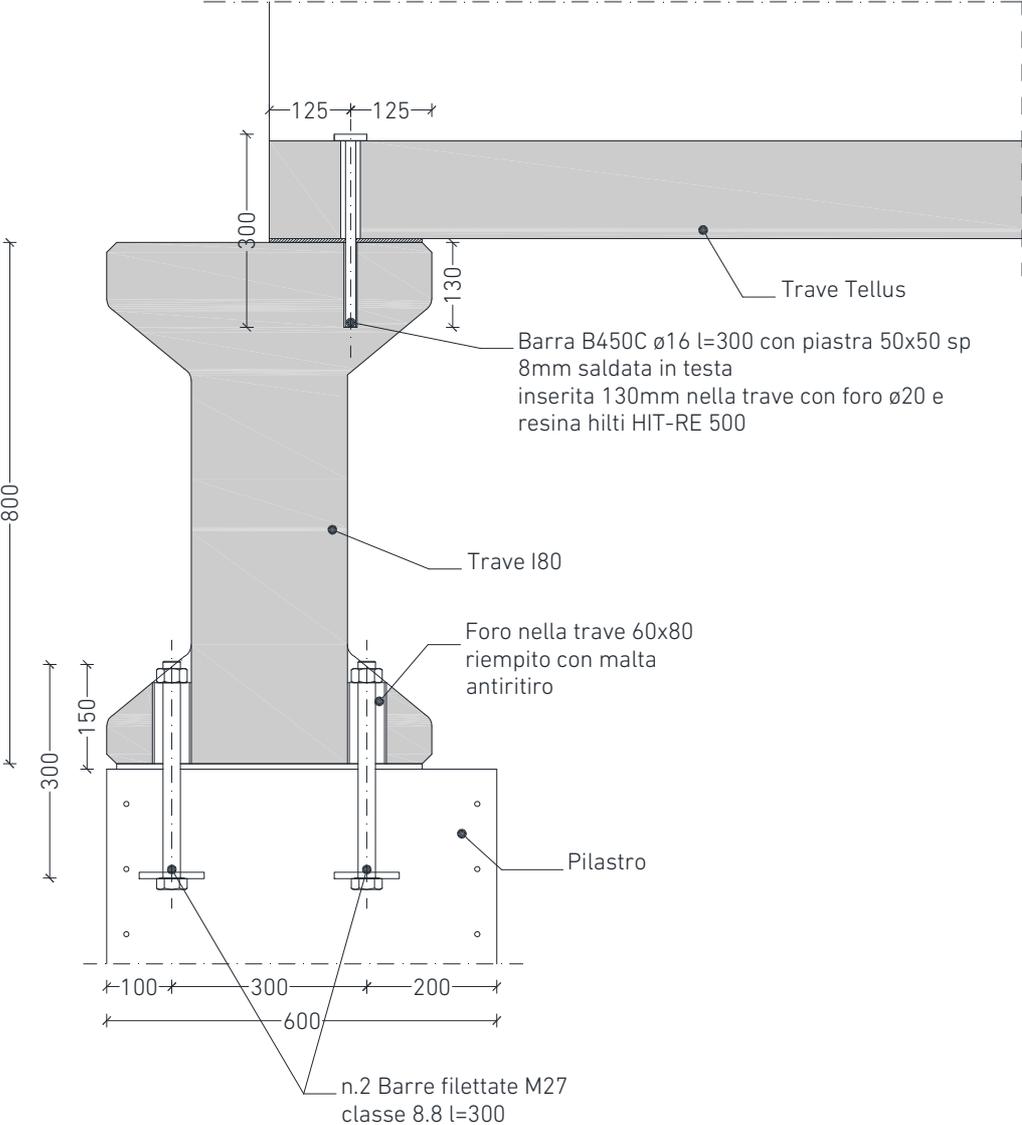
Cadimarco – Fiesse, 10/09/2018



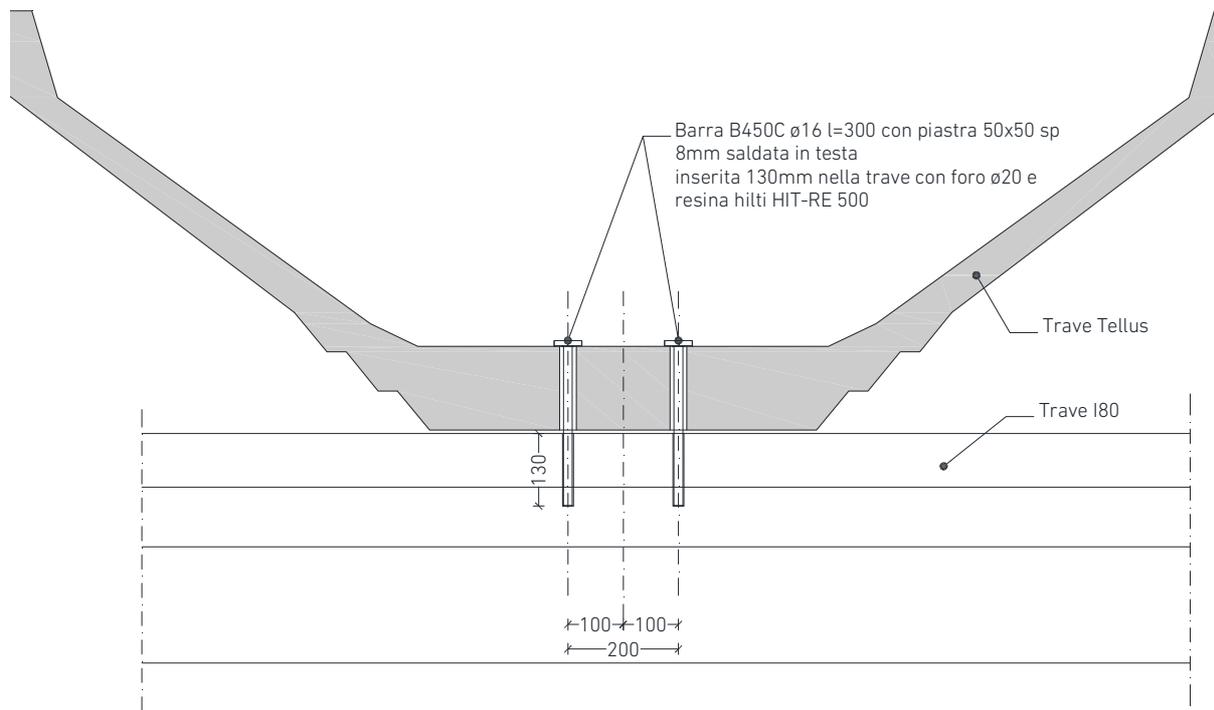
# FISSAGGIO PILASTRO D'ANGOLO E DI TESTATA



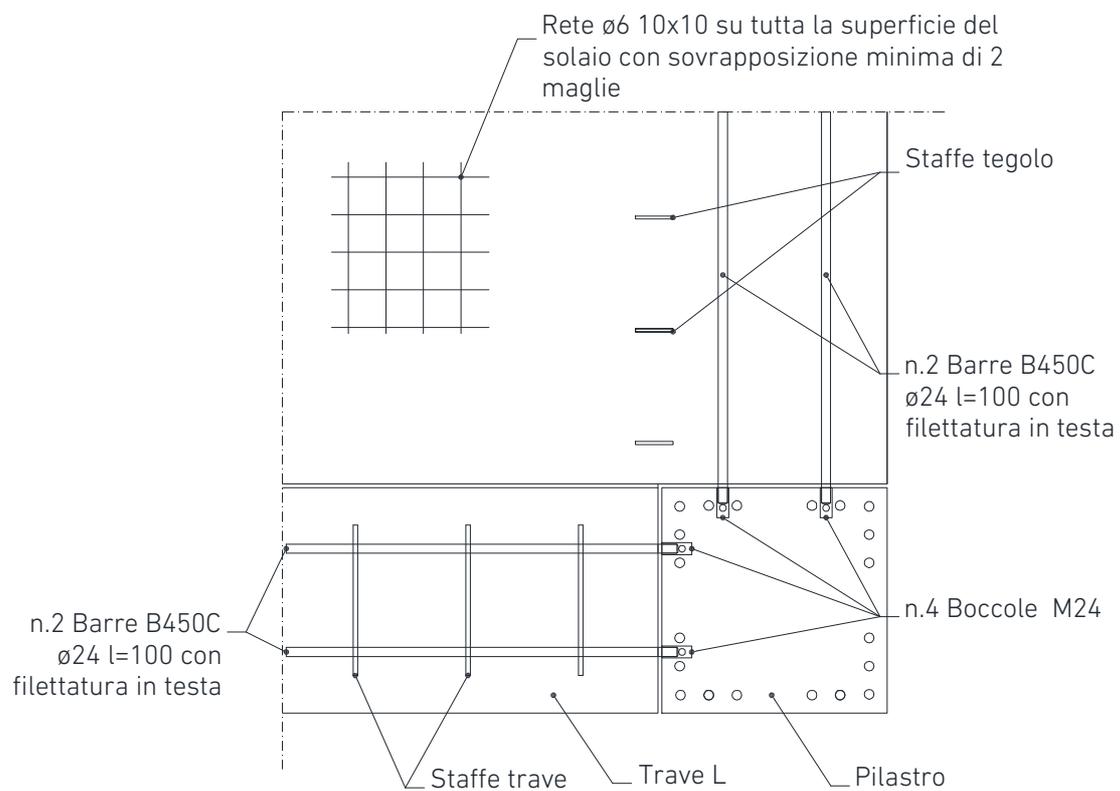
FISSAGGIO PILASTRO CENTRALE



## FISSAGGIO TRAVE TELLUS



## FISSAGGIO TRAVI E TEGOLI SOLAIO













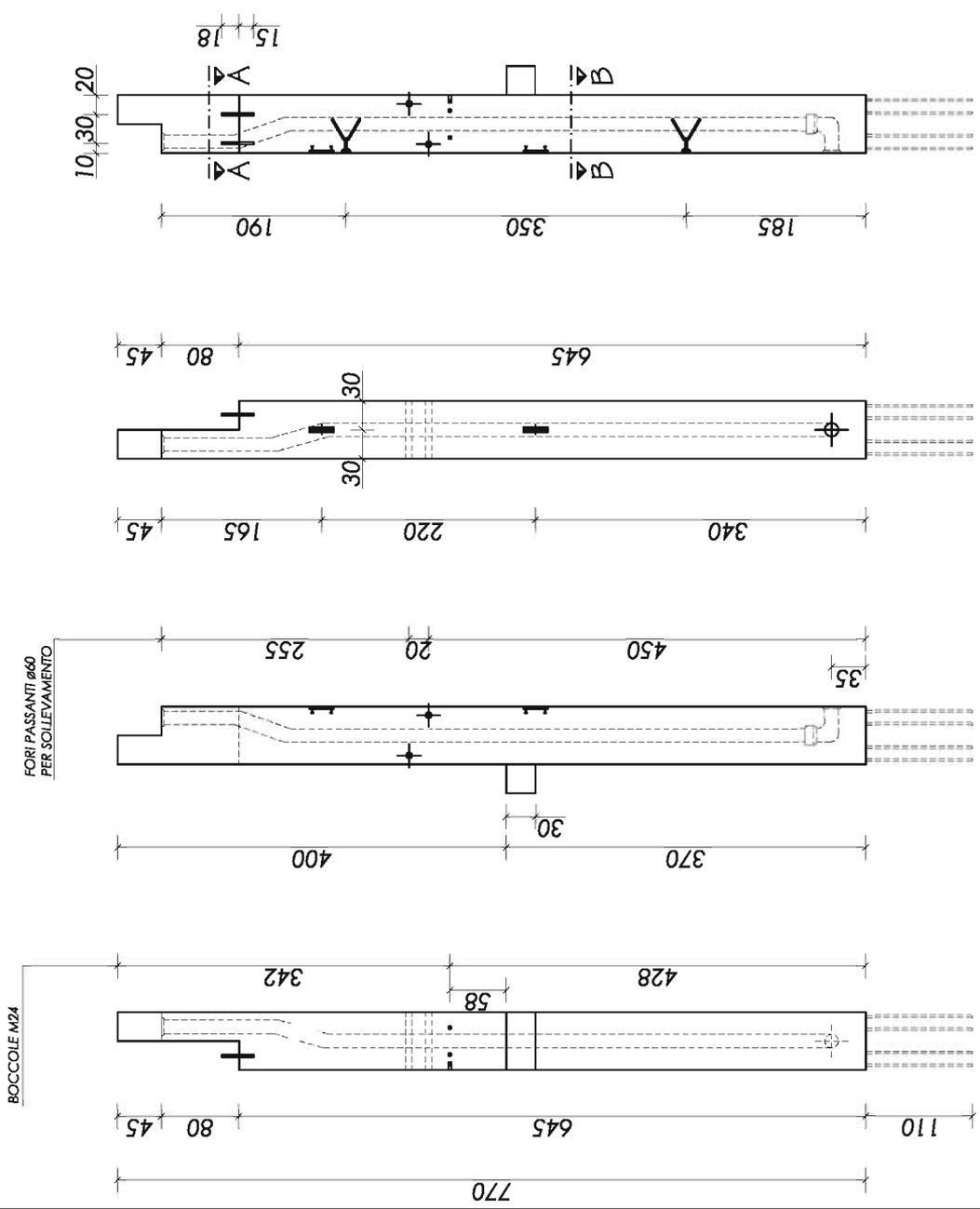


A

B

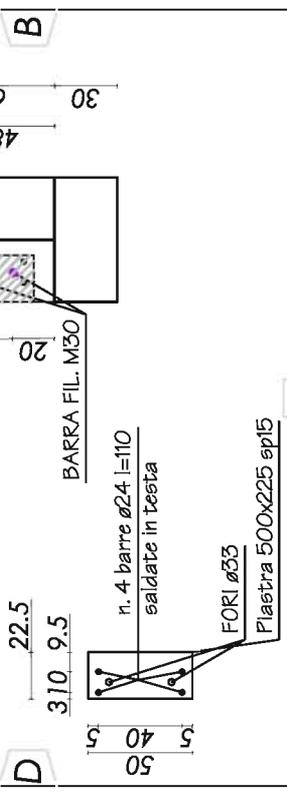
C

D



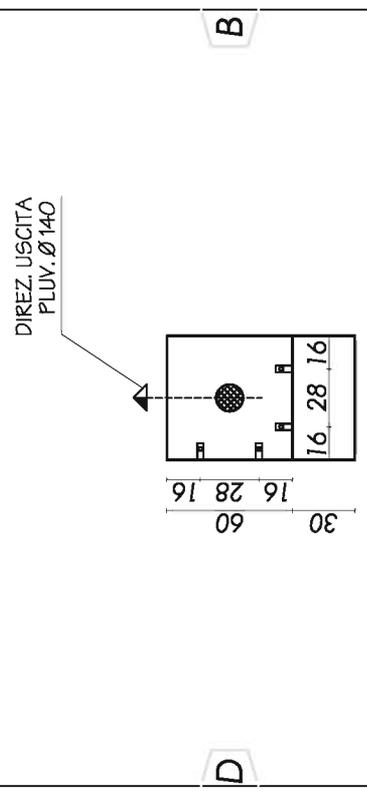
Sezione A-A

C



Sezione B-B

A



- n. 3 PROFILI GL LOCATELLI 40/223 L=25 CM.
- n. 2 BARRE FILETATE M30 L= 330 mm.
- n. 2 GANCI DHEA CON FORO DA 5 TON.
- n. 4 BOCCOLE M24
- n. 1 PIASTRA DI TESTATA

 TECNOCOMPONENTI CADIMARCO - FESSE (BS)	POS: 11338	R: 120	DATA GETTO: 04/09/18
	CADIMARCO - FESSE (BS)	N° PEZZI: 3	VOLUME (m³): 2.43
COMMESSA: I.T.I. FERRARA	SIGLA: PL04	PESO (ton): 6.075	DESIGNATORE: OSO
		REV.:	REV.:

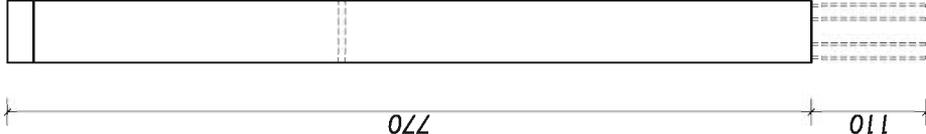


A

B

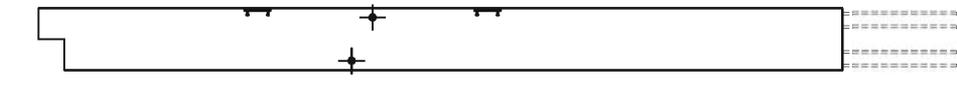
C

D



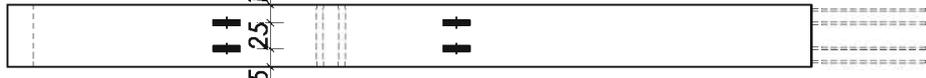
745

FORI PASSANTI Ø60  
PER SOLLEVAMENTO



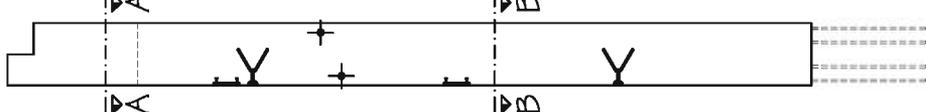
300 20 450

770

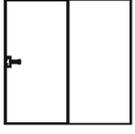


210 220 340

17.5 25 17.5



235 350 185



60

60 30 30

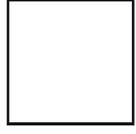
Sezione A-A

C

D

A C

Sezione B-B



60

60

D

A

n. 3 PROFILI GL LOCATELLI 40/223 L=25 CM.  
n. 2 BARRE FILETATE M24 L= 330 mm.  
n. 2 GANCI DHEA CON FORO DA 5 TON.



TECNOCOMPONENTI  
CADIMARCO-FESSE (S)

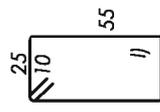
COMMESSA: I.T.I. FERRARA

POS: 11338	R: 120	DATA GETTO: 04/09/18
PROG. BRISSE: 3	PERO (ton):	VOLUME (m³):
SGLA:	N° PEZZI:	DISEGNATORE:
PL05	6.075	2.43
		OSO

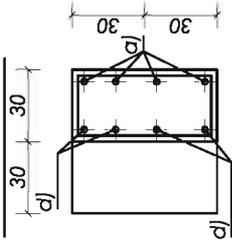
DATA	04/09/18
REV.:	
REV.:	
REV.:	

# DISTINTA ACCIAIO

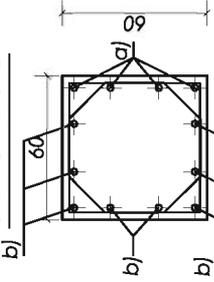
Poa.	N° pezzi	Sviluppo pezzo	Ø	Poa.	N° pezzi	Sviluppo pezzo	Ø
a	4	875	24	i	22	204	8
b	8	830	24	l	5	180	8
c	8	600	24	m			
d	4	145	20	n			
d1				o			
e							
f							
g	42	240	8				
h	20+20	182	8	r			



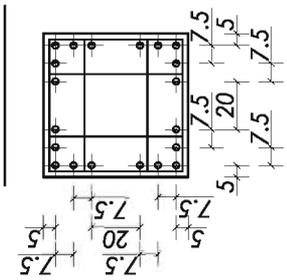
## SEZIONE D-D



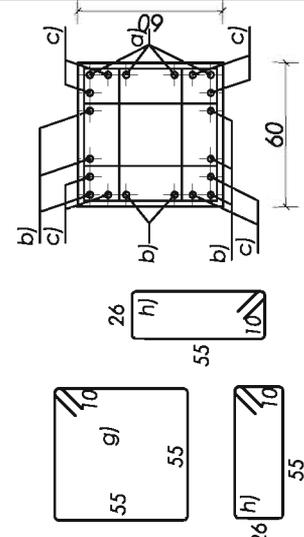
## SEZIONE C-C



## SEZIONE A-A



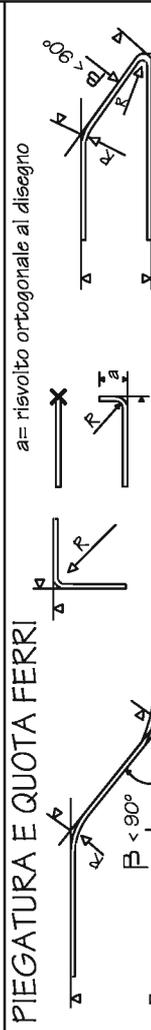
## SEZIONE B-B



### CARATTERISTICHE DEI MATERIALI:

**CALCESTRUZZO** Rckj 300 Kg/cm<sup>2</sup> ACCIAIO B450C fyk 4300 Kg/cm<sup>2</sup>  
 Rck 500 Kg/cm<sup>2</sup> RETE ELETTROSALDATA fyk 3900 Kg/cm<sup>2</sup>

### PIEGATURA E QUOTA FERRI



a = risvolto ortogonale al disegno

Tipo acciaio	Ø	ØB	Ø10	Ø12	Ø16	Ø20	Ø26	Ø30
B450C	R=16	20	24	64	100	156	180	

**TOLLERANZE DI PRODUZIONE** DL=±(10+L/1000) < 4.0mm  
 Dimensione della sezione ± 15 mm.  
**CLASSE DI ESPOSIZIONE:** XC1 COPRIFERRO MINIMO: 20 mm. ± 5 mm  
**INTERFERRO:** 20mm. per barre fino a Ø20, oltre Ø barra



TECNOCOMPONENTI S.R.L. CADIMARCO - FIESSE (BS)

e-mail: info@tecnocomponenti.it

DISEGNATORE:  
Ribelli

COMMITTENTE:  
I.T.I. IMPRESA GENERALE S.P.A.

CONTROLLO:  
.....

CANTIERE:  
FERRARA (FE)

DATA: 05/09/18

OGGETTO:  
PILASTRI GOXGO

POS. 11338

Peso totale ferro KG. **635**

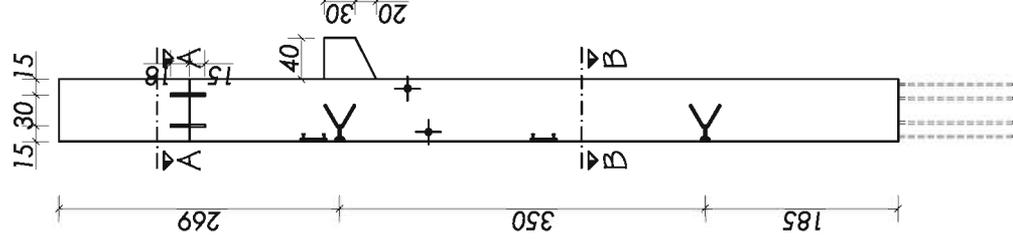
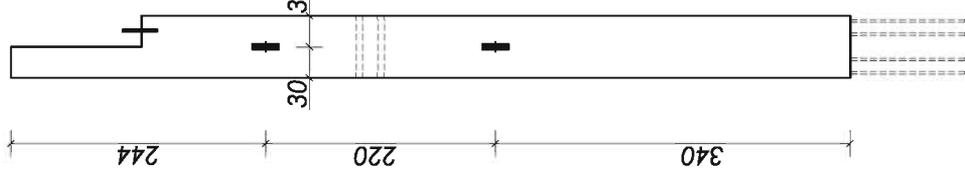
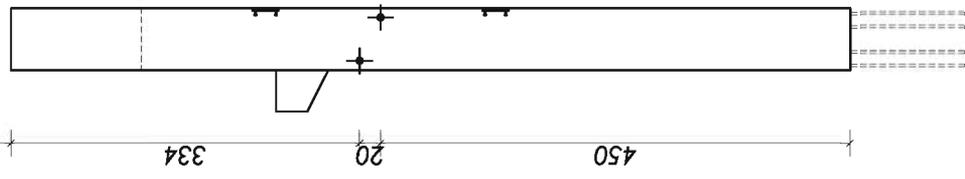
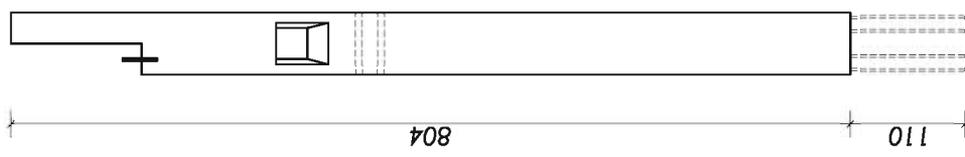
A

B

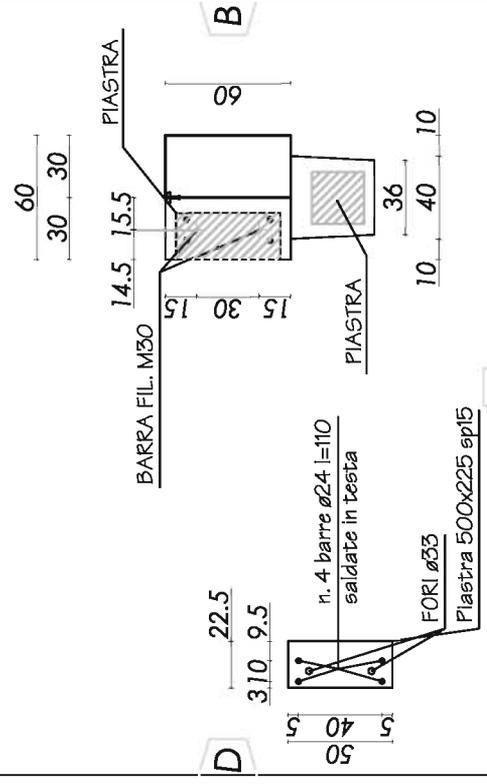
C

D

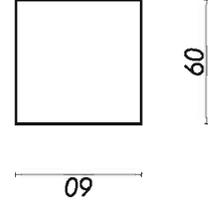
FORI PASSANTI Ø60  
PER SOLLEVAMENTO



Sezione A-A



Sezione B-B



n. 3 PROFILI GL LOCATELLI 40/223 L=25 CM.  
n. 2 BARRE FILETATE M30 L= 330 mm.  
n. 2 GANCIDHEA CON FORO DA 5 TON.

 TECNOCOMPONENTI CADIMARCO - FESSE (BS)	POS: 11338	R: 120	DATA GETTO: 04/09/18
	COMMISSA: I.T.I. FERRARA	N° PEZZI PI06	PESO (ton.) 6.075
			VOLUME (m³) 2.43
			DESIGNATORE OSO
			DATA 04/09/18
			REV: REV:



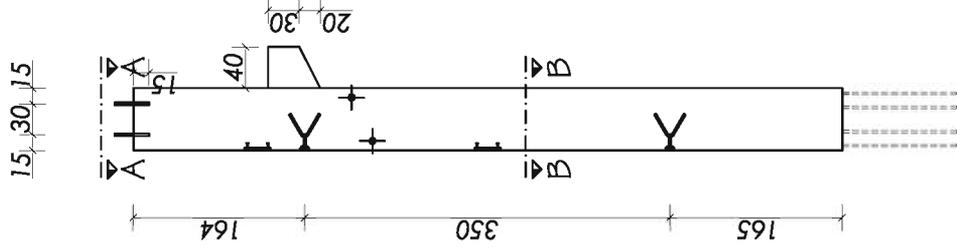
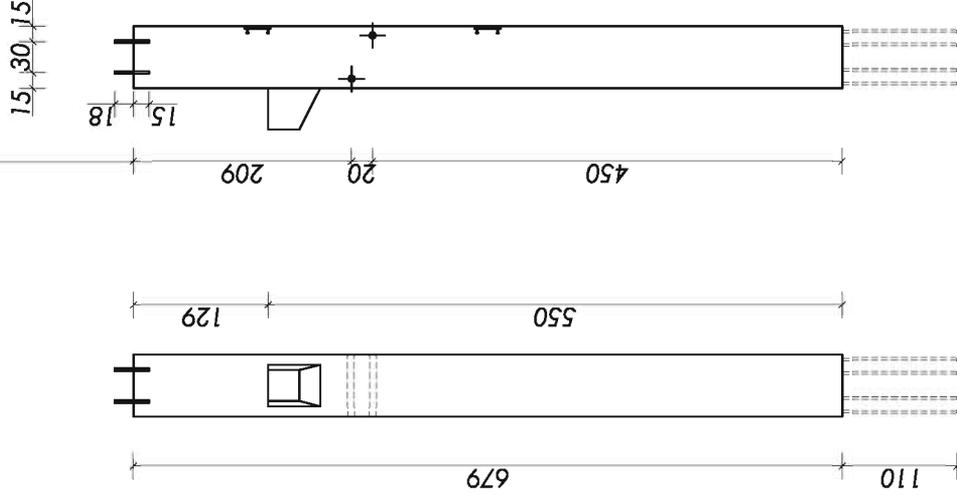
A

B

C

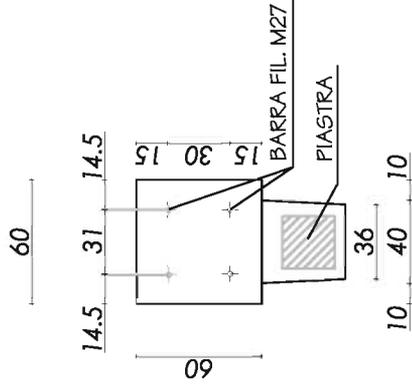
D

FORI PASSANTI Ø60  
PER SOLLEVAMENTO



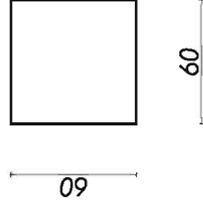
C

Sezione A-A



A

Sezione B-B



A

D

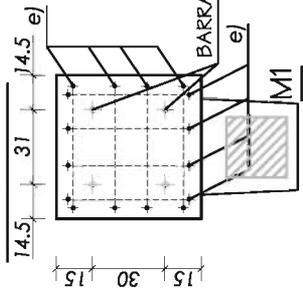
n. 3 PROFILI GL LOCATELLI 40/223 L=25 CM.  
n. 2 BARRE FILETATE M27 L= 330 mm.  
n. 2 GANCI DHEA CON FORO DA 5 TON.

 TECNOCOMPONENTI CADMARCO - FESSE (S)	POS: 11338	R: 120	DATA GETTO: 04/09/18
	SGLA: PI07 N° PEZZI: 3 PESO (ton): 5.725 VOLUME (m³): 2.29 DESIGNATORE: OSO	DATA: 04/09/18 REV.: REV.: REV.:	
COMMESSA: I.T.I. FERRARA			

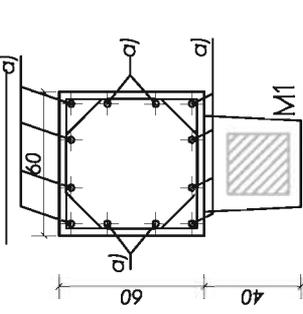
# DISTINTA ACCIAIO

Pos.	N° pezzi	Sviluppo pezzo	Ø	Pos.	N° pezzi	Sviluppo pezzo	Ø
a	12	784	26	i	23	204	8
b				l			
c	8	600	26	m			
d				n			
d1				o			
e	4+4	154	12				
f							
g	43	240	8				
h	20+20	186	8	r			

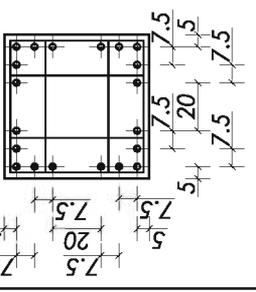
## SEZIONE D-D



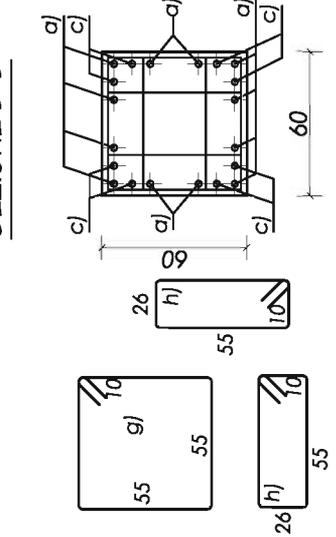
## SEZIONE C-C



## SEZIONE A-A



## SEZIONE B-B



STOCCAGGIO E TRASPORTO

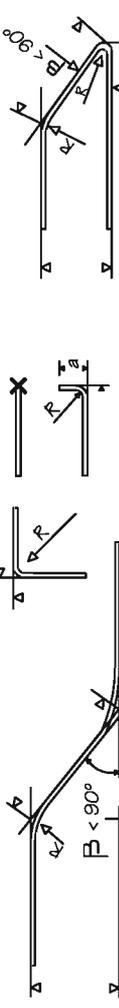
SOLLEVAMENTO



### CARATTERISTICHE DEI MATERIALI:

**CALCESTRUZZO** Rckj 300 Kg/cm² ACCIAIO B450C fyk 4300 Kg/cm²  
**RETE ELETTROSALDATA** Rck 500 Kg/cm² RETE ELETTROSALDATA fyk 3900 Kg/cm²

### PIEGATURA E QUOTA FERRI



a = risvolto ortogonale al disegno

Tipo acciaio	Ø	ØB	Ø10	Ø12	Ø16	Ø20	Ø26	Ø30
B450C	R=	16	20	24	64	100	156	180

CLASSE DI ESPOSIZIONE: XCI COPRIFERRO MINIMO: 20 mm. ± 5 mm  
 INTERFERRO: 20mm. per barre fino a Ø20, oltre Ø barra

TOLLERANZE DI PRODUZIONE DL=±(10+L/1000) ≤ 40mm  
 Dimensione della sezione ± 15 mm.



TECNOCOMPONENTI S.R.L. CADIMARCO - FIESSE (BS)

e-mail: info@tecnocomponenti.it

DESIGNATORE:  
Ribelli

COMMITTENTE: I.T.I. IMPRESA GENERALE S.P.A.

CANTIERE: FERRARA (FE)

CONTROLLO  
.....

DATA: 05/09/18

OGGETTO: PILASTRI GOXGO

POS. 1133B

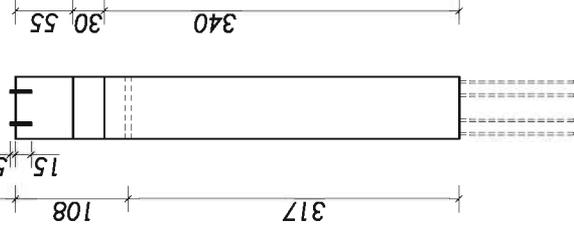
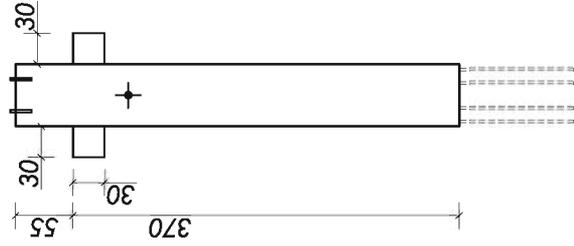
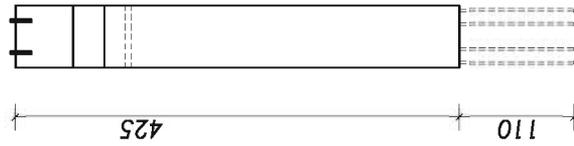
Peso totale ferro KG. 719

A

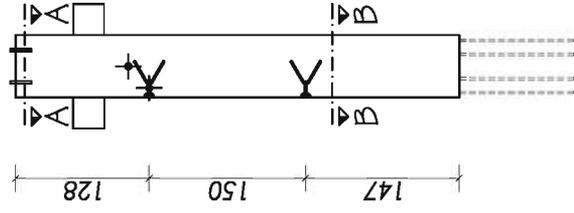
B

C

D

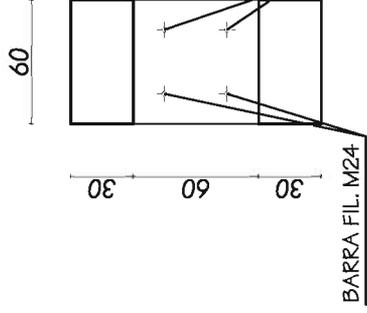


FORI PASSANTI  $\phi 60$   
PER SOLLEVAMENTO



C

Sezione A-A



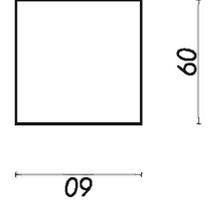
D

B

A

C

Sezione B-B



D

B

A

n. 4 BARRE FILETATE M24 L= 330 mm.  
n. 2 GANCI DHEA CON FORO DA 5 TON.



TECNICOMPLEMENTI  
CADIMARCO - FESSE (BS)  
COMMESSA: I.T.I. FERRARA

POS: 11338	R: 120	DATA GETTO: 04/09/18
PROG. 11338	3	DATA GETTO: 04/09/18
PERO (ton.)	N° PEZZI	VOLUME (m³)
4.07	1.63	1.63
SGIA	PL08	DISEGNATORE
		REV.:
		REV.:
		REV.:
		OSO

# DISTINTA ACCIAIO

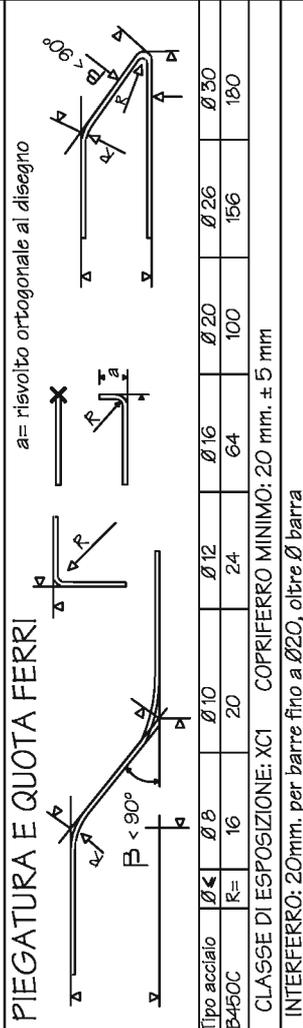
Pos.	N° pezzi	Sviluppo pezzo	Ø	Pos.	N° pezzi	Sviluppo pezzo	Ø
a	20	530	24	i	10	204	8
b				l			
c				m			
d				n			
d1				o			
e							
f							
g	30	240	8				
h	20+20	182	8	r			

SIGLA ELEMENTO	NUM. ELEMENTO						
PLOB							

### CARATTERISTICHE DEI MATERIALI:

**CALCESTRUZZO** Rckj 300 Kg/cm<sup>2</sup> ACCIAIO B450C fyk 4300 Kg/cm<sup>2</sup>  
 Rck 500 Kg/cm<sup>2</sup> RETE ELETTROSALDATA fyk 3900 Kg/cm<sup>2</sup>

### PIEGATURA E QUOTA FERRI



**TOLLERANZE DI PRODUZIONE** DL=±(10+L/1000) ≤ 4.0mm  
 Dimensione della sezione ± 15 mm.



**TECNOCOMPONENTI S.R.L. CADIMARCO - FIESSE (BS)**

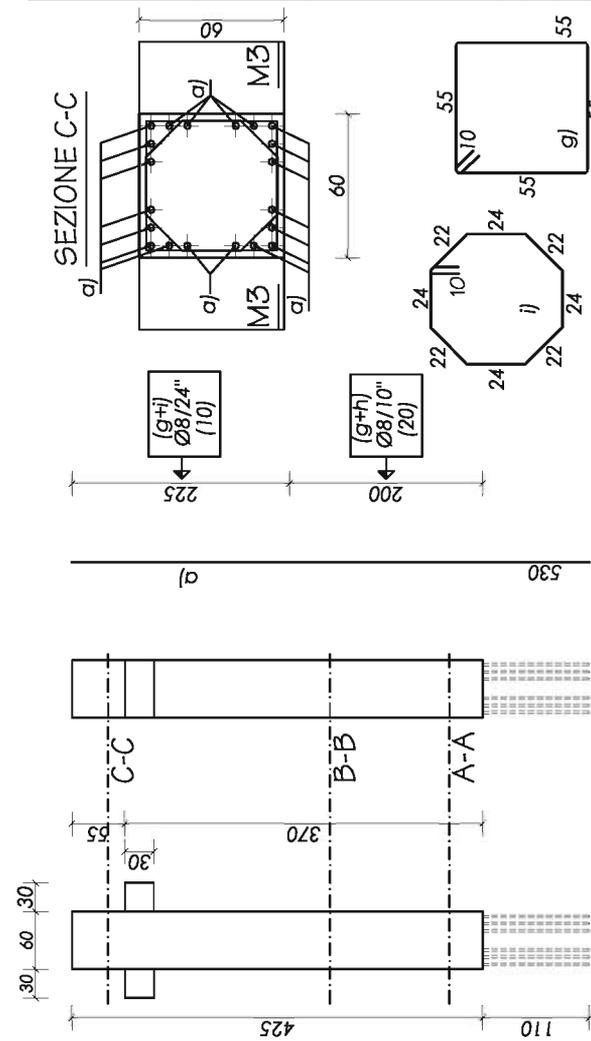
e-mail: info@tecnocomponenti.it

DESIGNATORE: Ribelli	COMMITTENTE: I.T.I. IMPRESA GENERALE S.P.A.
CONTROLLO: .....	CANTIERE: FERRARA (FE)

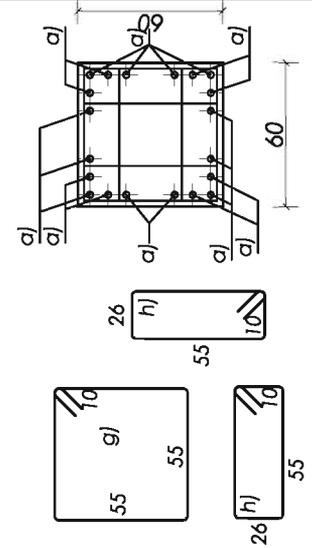
DATA : 05/09/18

OGGETTO : PILASTRI GOXGO

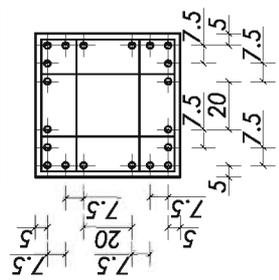
POS. 1133B



### SEZIONE B-B



### SEZIONE A-A



Peso totale ferro KG. **485**





A

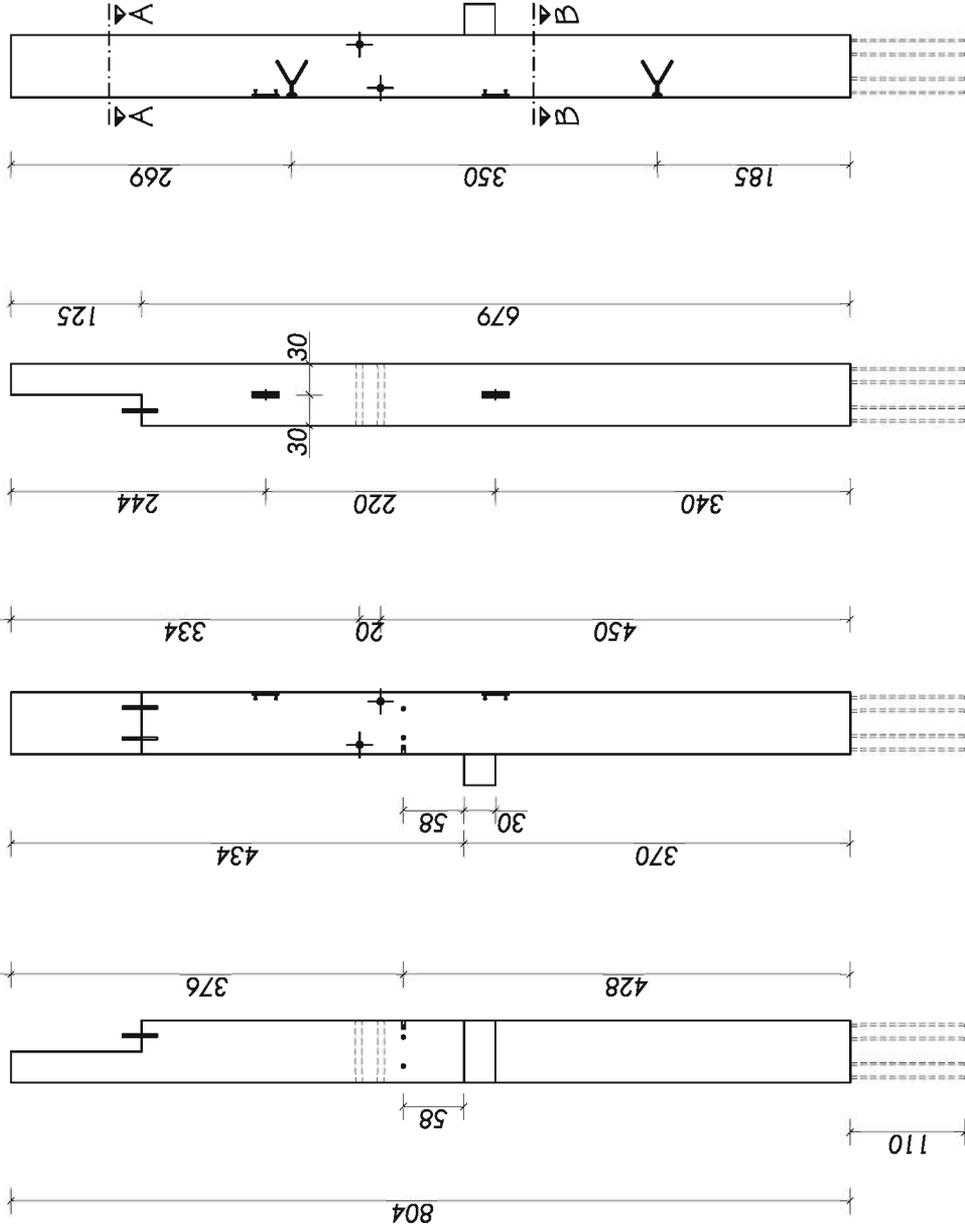
B

C

D

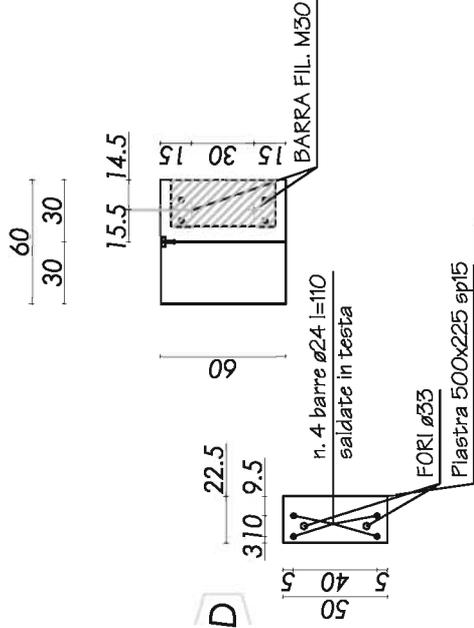
BOCCOLE M24

FORI PASSANTI Ø60  
PER SOLLEVAMENTO



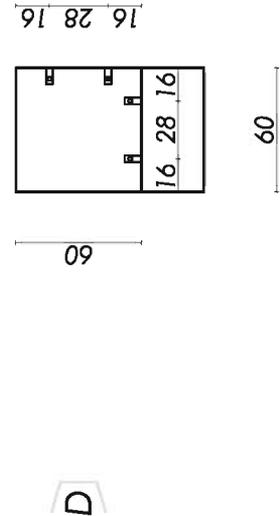
C

Sezione A-A



A

Sezione B-B



n. 3 PROFILI GL LOCATELLI 40/223 L=25 CM.  
n. 2 BARRE FILETATE M30 L= 330 mm.  
n. 2 GANCIDHEA CON FORO DA 5 TON.  
n. 4 BOCCOLE M24  
n. 1 PIASTRA DI TESTATA

 TECNOCOMPONENTI CADIMARCO - FESSE (BS) COMMESSA: I.T.I. FERRARA	POS: 11338	R: 120	DATA GETTO: 04/09/18
	N° PEZZI SGLA PL10	PESO (ton.) 6.075	VOLUME (m³) 2.43

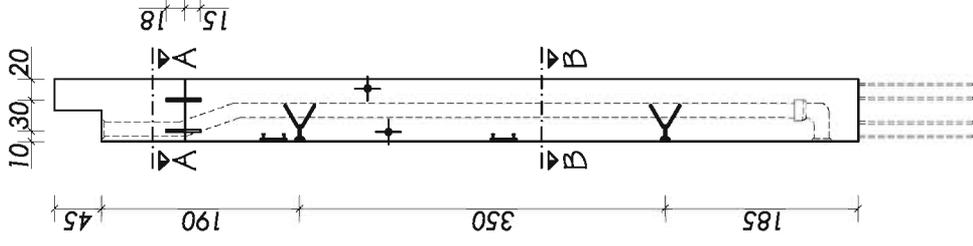
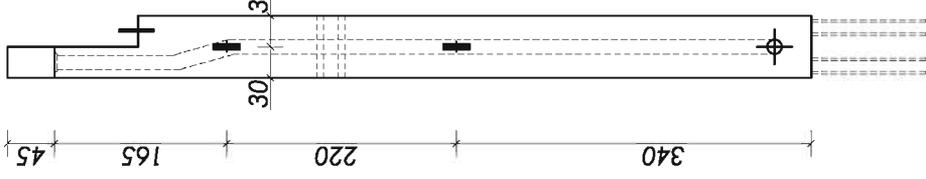
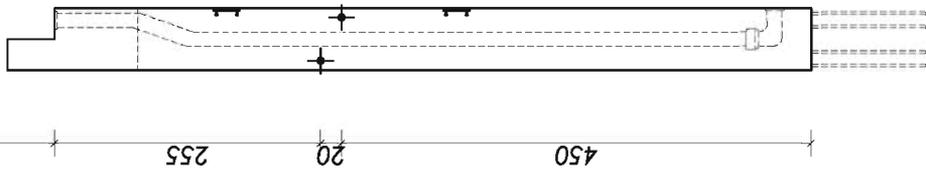
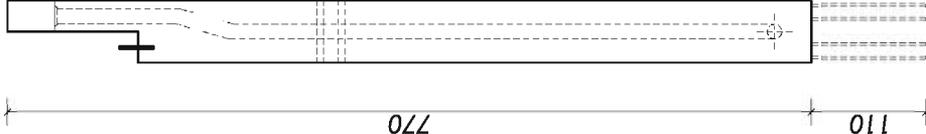


A

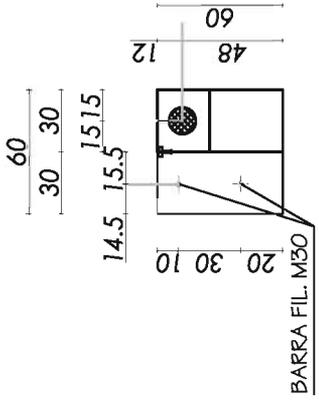
B

C

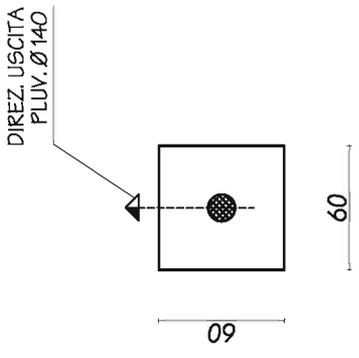
D



Sezione A-A



Sezione B-B

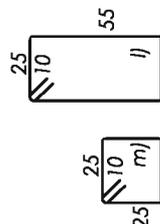


n. 3 PROFILI GL LOCATELLI 40/223 L=25 CM.  
n. 2 BARRE FILETATE M30 L= 330 mm.  
n. 2 GANCI DHEA CON FORO DA 5 TON.

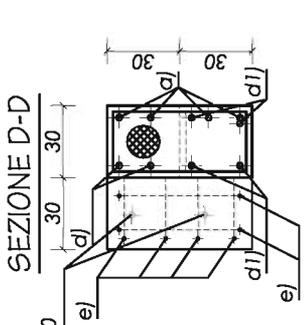
 TECNOCOMPONENTI CADMARCO-FESSE (S)	POS: 11338	R: 120	DATA GETTO: 04/09/18	
	SGLA: PL11	N° PEZZI:	PESO (ton): 6.075	VOLUME (m³): 2.43
COMMESSA: I.T.I. FERRARA	SGLA: PL11	N° PEZZI:	PESO (ton): 6.075	VOLUME (m³): 2.43
COMMESSA: I.T.I. FERRARA	SGLA: PL11	N° PEZZI:	PESO (ton): 6.075	VOLUME (m³): 2.43

# DISTINTA ACCIAIO

Pos.	N° pezzi	Sviluppo pezzo	Ø	Pos.	N° pezzi	Sviluppo pezzo	Ø
a	4	830	26	i	22	204	8
b	8	750	26	l	8	180	8
c	8	600	26	m	5	120	8
d	2	180	20				
d1	4	225	20	n			
e	4+2	154	12	o			
f	6	168	8				
g	41	240	8				
h	19+19	182	8	r	6	133	8

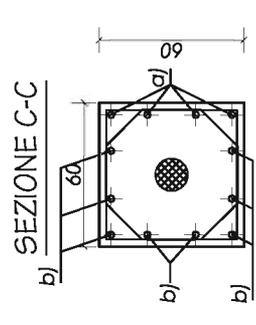


## SEZIONE D-D



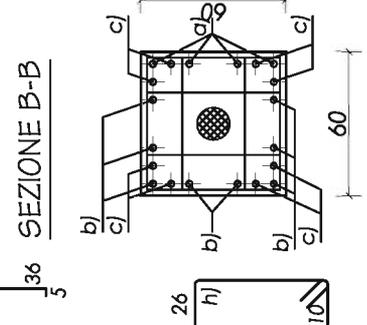
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## SEZIONE C-C

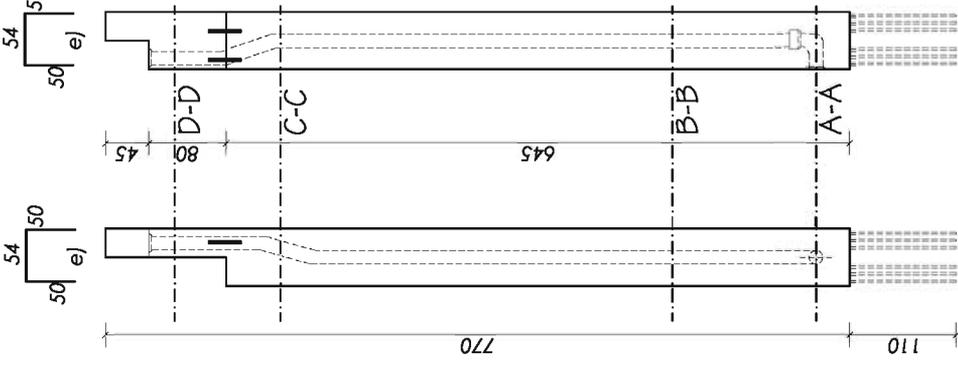
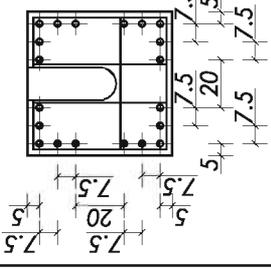
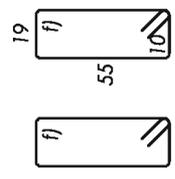
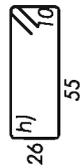
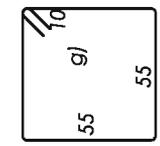
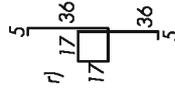
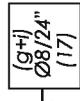
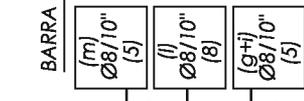


60

## SEZIONE B-B



60



770

110

727

Peso totale ferro KG.

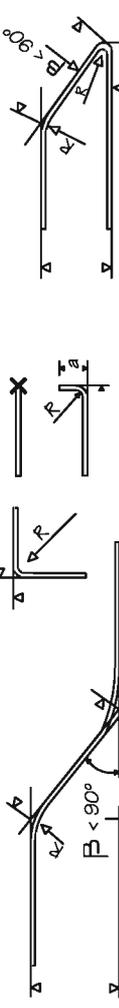
STOCCAGGIO E TRASPORTO

SOLLEVAMENTO

## CARATTERISTICHE DEI MATERIALI:

**CALCESTRUZZO**  
 Rckj 300 Kg/cm<sup>2</sup> ACCIAIO B450C fyk 4300 Kg/cm<sup>2</sup>  
 Rck 500 Kg/cm<sup>2</sup> RETE ELETTROSALDATA fyk 3900 Kg/cm<sup>2</sup>

## PIEGATURA E QUOTA FERRI



a = risvolto ortogonale al disegno

Tipo acciaio	Ø	ØB	Ø10	Ø12	Ø16	Ø20	Ø26	Ø30
B450C	R=16	20	24	64	100	156	180	

TOLLERANZE DI PRODUZIONE DL=±(10+L/1000) < 40mm

Dimensione della sezione ± 15 mm.

CLASSE DI ESPOSIZIONE: XC1 COPRIFERRO MINIMO: 20 mm. ± 5 mm

INTERFERRO: 20mm. per barre fino a Ø20, oltre Ø barra



TECNOCOMPONENTI S.R.L. CADIMARCO - FIESSE (BS)

e-mail: info@tecnocomponenti.it

DESIGNATORE:  
Ribelli

COMMITTENTE:  
I.T.I. IMPRESA GENERALE S.P.A.

CONTROLLO:  
.....

CANTIERE:  
FERRARA (FE)

DATA: 05/09/18

OGGETTO:  
PILASTRI GOXGO

POS. 1133B

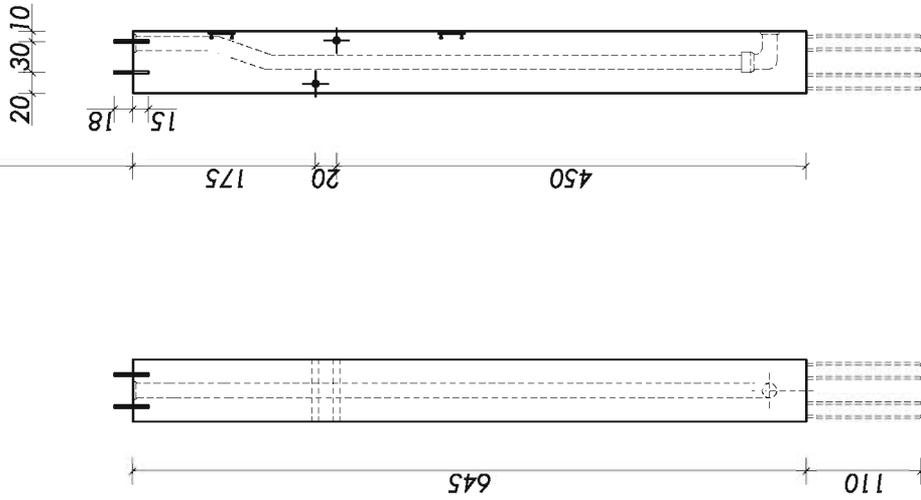
A

B

C

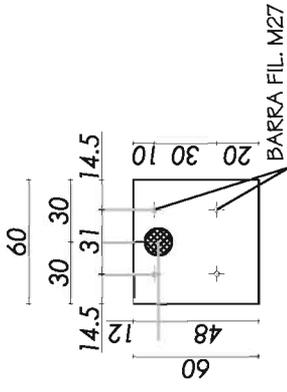
D

FORI PASSANTI Ø60  
PER SOLLEVAMENTO



C

Sezione A-A



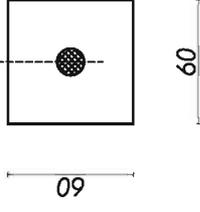
D

B

A

Sezione B-B

DIREZ. USCITA  
PLUV. Ø140



D

B

A

n. 3 PROFILI GL LOCATELLI 40/223 L=25 CM.  
n. 2 BARRE FILETATE M27 L= 330 mm.  
n. 2 GANCIDHEA CON FORO DA 5 TON.



TECNOCOMPONENTI  
CADIMARCO-FESSE (S)  
COMMESSA: I.T.I. FERRARA

POS: 11338	R: 120	DATA GETTO: 04/09/18
SCIA	N° PEZZI	PESO (ton.)
PL12	1	5.725
		VOLUME (m³)
		2.29
		DISEGNATORE
		CSO

DATA	04/09/18
REV.	
REV.	
REV.	

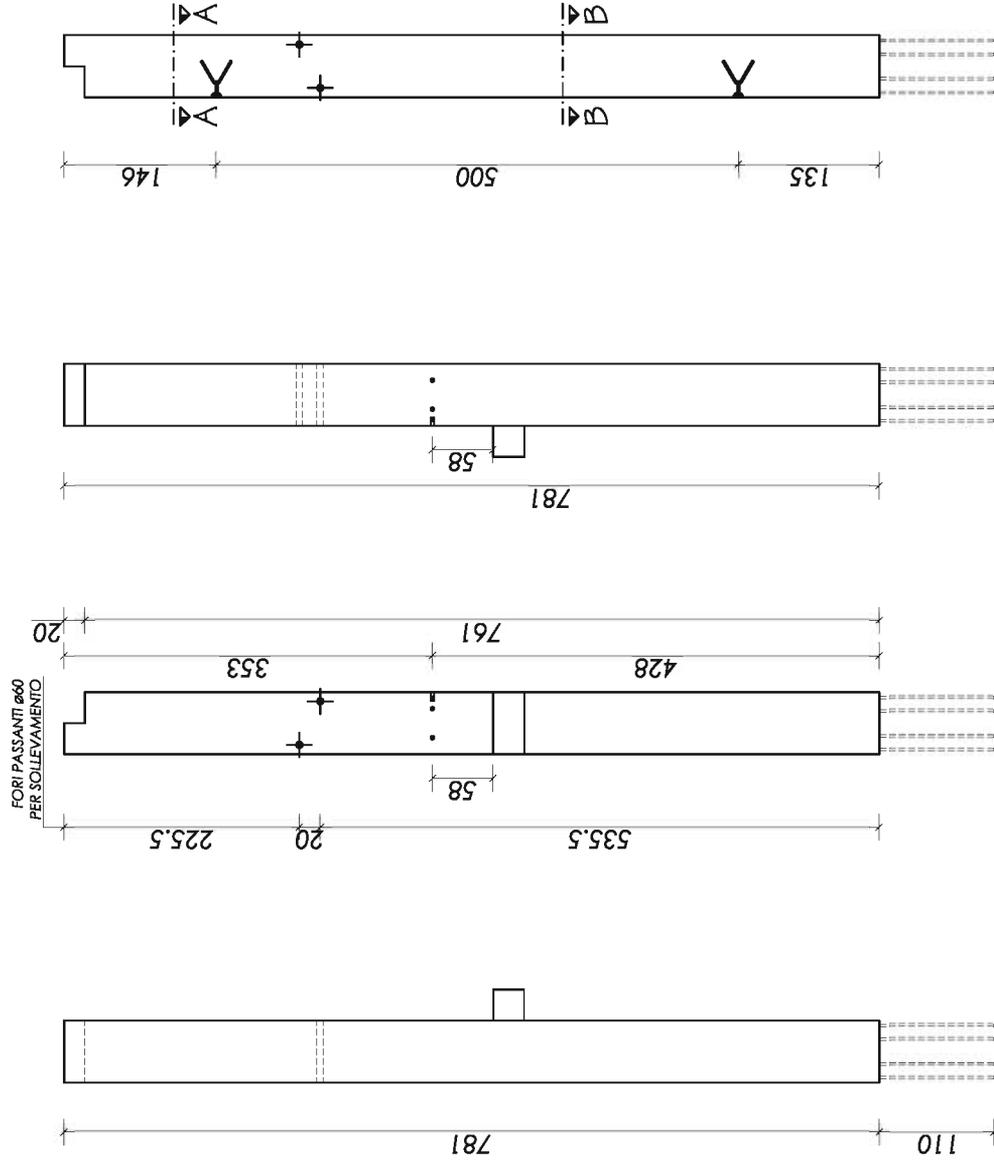


A

B

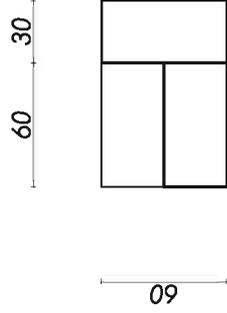
C

D



C

Sezione A-A

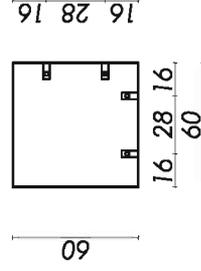


D

B

A C

Sezione B-B



D

B

n. 3 PROFILI GL LOCATELLI 40/223 L=25 CM.  
 n. 2 BARRE FILETATE M24 L= 330 mm.  
 n. 2 GANCI DHEA CON FORO DA 5 TON.  
 n. 4 BOCCOLE M24



TECNOCOMPONENTI  
 CADIMARCO - FESSE (BS)

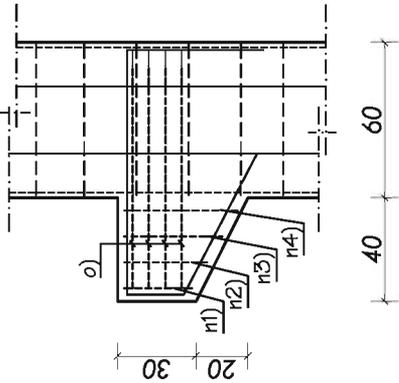
COMMESSA: I.T.I. FERRARA

POS: 11338	R: 120	DATA GETTO: 04/09/18
PROG. 3	PECO (ton.)	VOLUME (m³)
SGIA	N° PEZZI	DISEGNATORE
PL13	1	CSO
	7.07	2.83

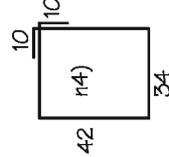
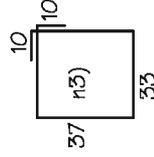
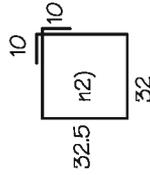
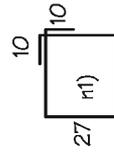
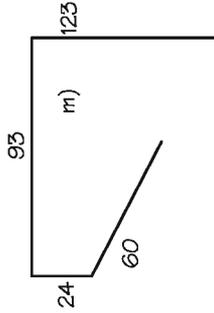
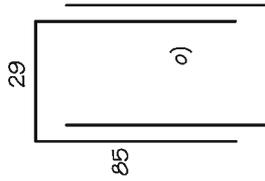
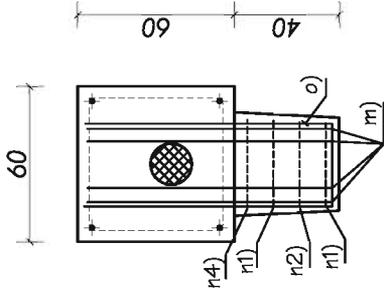
DATA	04/09/18
REV.	
REV.	
REV.	



PROSPETTO

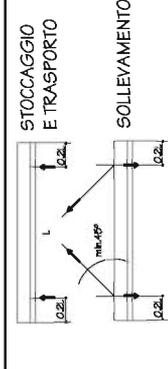


PIANTA



DISTINTA ACCIAIO

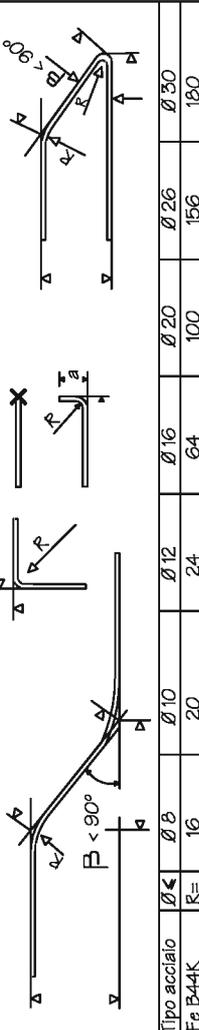
Pos.	N° pezzi	Sviluppo pezzo	Ø	Pos.	N° pezzi	Sviluppo pezzo	Ø
a				o	4+4	199	8
a1							
b				m	4	290	16
c				n1	1	136	8
d				n2	1	149	8
e				n3	1	160	8
g				n4	1	172	8
h							



CARATTERISTICHE DEI MATERIALI:

CALCESTRUZZO	Rokj 300	Kg/cm²	ACCIAIO B450C	f <sub>yk</sub>	4300	Kg/cm²
	Rck 500	Kg/cm²	RETE ELETTROSALDATA	f <sub>yk</sub>	3900	Kg/cm²

PIEGATURA E QUOTA FERRI



Tipo acciaio	Ø <	Ø B	Ø 10	Ø 12	Ø 16	Ø 20	Ø 26	Ø 30
Fe B44K	R=	16	20	24	64	100	156	180

CLASSE DI ESPOSIZIONE: XC1 COPRIFERRO MINIMO: 20 ± 5 mm  
 INTERFERRO: 20mm. per barre fino a Ø20, oltre Ø barra

TOLLERANZE DI PRODUZIONE DL=±(10+L/1000) ≤ 40 mm  
 Dimensione della sezione ± 15 mm



**TECNOCOMPONENTI s.r.l. CADIMARCO - FIESSE (BS)**  
 Via leonella tel (030) 9950722 fax (030) 9950705  
 e-mail: info@tecnocomponenti.it

DISEGNATORE:  
RIBOLI

CONTROLO

COMMITTENTE : I.T.I. IMPRESA GENERALE S.P.A.  
 CANTIERE : FERRARA (FE)

DATA : 07/09/2016

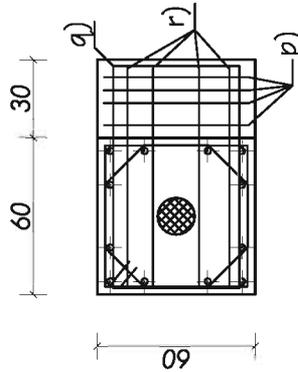
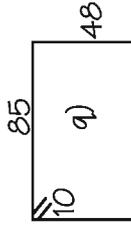
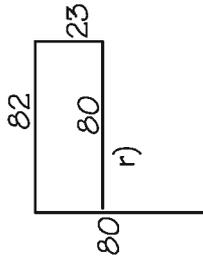
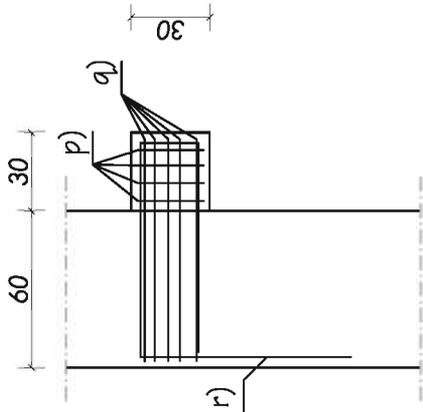
OGGETTO : MENSOLA M1

Peso totale ferro KG.

27

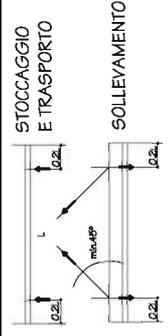
Pos.11338

**PARTICOLARE MENSOLA M02**



**DISTINTA ACCIAIO**

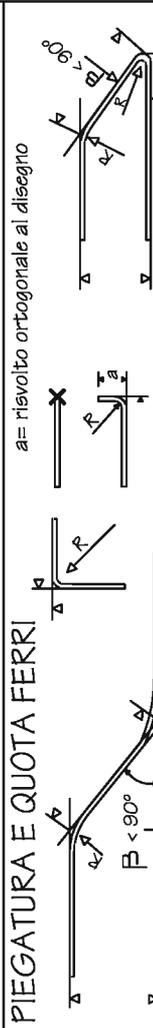
Poa.	N° pezzi	Sviluppo pezzo	Ø	Poa.	N° pezzi	Sviluppo pezzo	Ø
a				l			
b				m			
c				n			
d				o			
e				p	4	180	8
f				q	5	286	10
g				r	4	265	20
h				s			
i							
				Peso totale ferro kg			
				34			



**CARATTERISTICHE DEI MATERIALI:**

CALCESTRUZZO Rckj 250 Kg/cm² ACCIAIO B450C fyk 4300 Kg/cm²  
 Rck 500 Kg/cm² RETE ELETTROSALDATA fyk 3900 Kg/cm²

**PIEGATURA E QUOTA FERRI**



Tipo acciaio	Ø	Ø B	Ø 10	Ø 12	Ø 16	Ø 20	Ø 26	Ø 30
B450C	R=	16	20	24	64	100	156	180

CLASSE DI ESPOSIZIONE: XC1 COPRIFERRO MINIMO: 20 ± 5 mm

INTERFERRO: 20 mm per barre fino a Ø20, oltre Ø barra

TOLLERANZE DI PRODUZIONE DL=±(10+L/1000) ≤ 40 mm  
 Dimensione della sezione ± 15 mm



**TECNOCOMPONENTI S.R.L. CADIMARCO - FIESSE (BS)**

Via Isorella tel (030) 9950722 fax (030) 9950703  
 e-mail: info@tecnocomponenti.it

DISGNATORE:  
RIBOLI

CONTROLLO  
.....

COMMITTENTE : I.T.I. IMPRESA GENERALE S.P.A.

CANTIERE : FERRARA (FE)

DATA : 11/07/2018

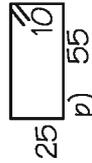
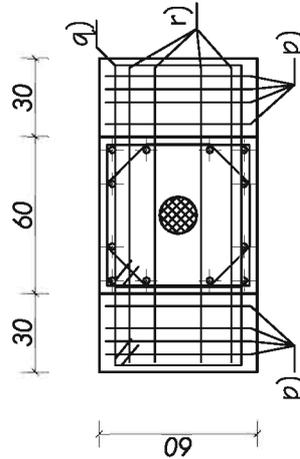
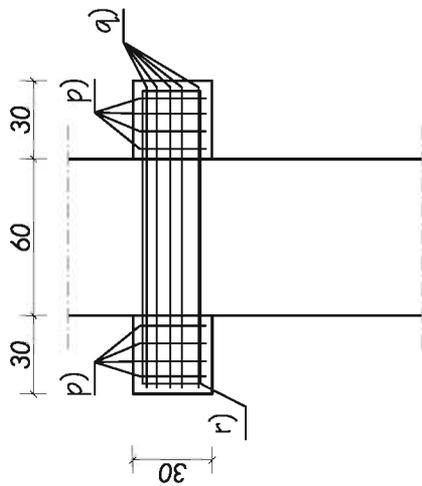
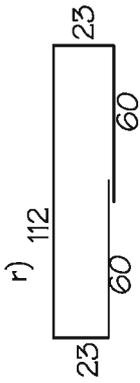
OGGETTO : MENSOLA

Pos.11338

Peso totale ferro KG.

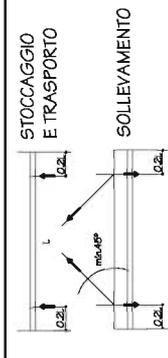
38

**PARTICOLARE MENSOLA MO3**



**DISTINTA ACCIAIO**

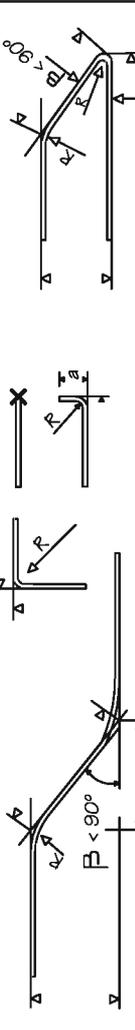
Pos.	N° pezzi	Sviluppo pezzo	Ø	Pos.	N° pezzi	Sviluppo pezzo	Ø
a				l			
b				m			
c				n			
d				o			
e				p	4+4	180	8
f				q	5	346	10
g				r	4	278	20
h				s			
i							
				Peso totale ferro kg			
				34			



**CARATTERISTICHE DEI MATERIALI:**

CALCESTRUZZO	Rckj 250	Kg/cm²	ACCIAIO B450C	fyk	4300	Kg/cm²
	Rck 500	Kg/cm²	RETE ELETTROSALDATA	fyk	3900	Kg/cm²

**PIEGATURA E QUOTA FERRI**



Tipo acciaio	Ø	Ø B	Ø 10	Ø 12	Ø 16	Ø 20	Ø 26	Ø 30
B450C	R=	16	20	24	64	100	156	180

CLASSE DI ESPOSIZIONE: XC1 COPRIFERRO MINIMO: 20 ± 5 mm  
 INTERFERRO: 20 mm per barre fino a Ø20, oltre Ø barra

TOLLERANZE DI PRODUZIONE DL=±(10+L/1000) ≤ 40 mm  
 Dimensione della sezione ± 15 mm



**TECNOCOMPONENTI s.r.l. CADIMARCO - FIESSE (BS)**

Via Isorilla tel (030) 9950722 fax (030) 9950703  
 e-mail: info@tecnocomponenti.it

DISEGNATORE:  
 RIBOLI  
 CONTROLLO  
 .....

COMMITTENTE : I.T.I. IMPRESA GENERALE S.P.A.

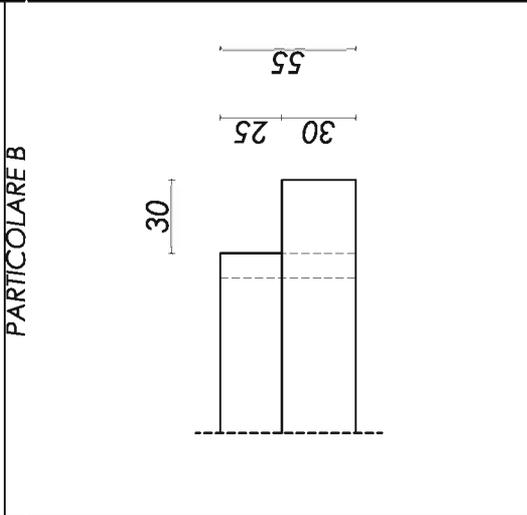
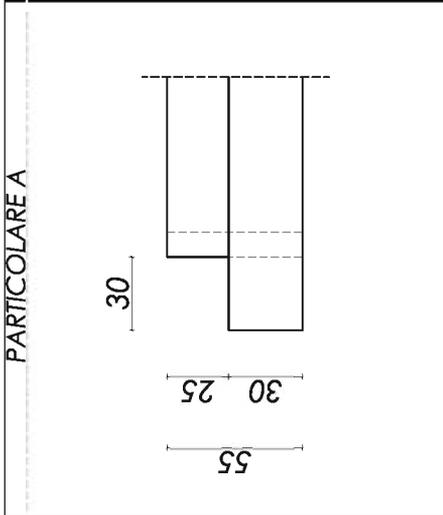
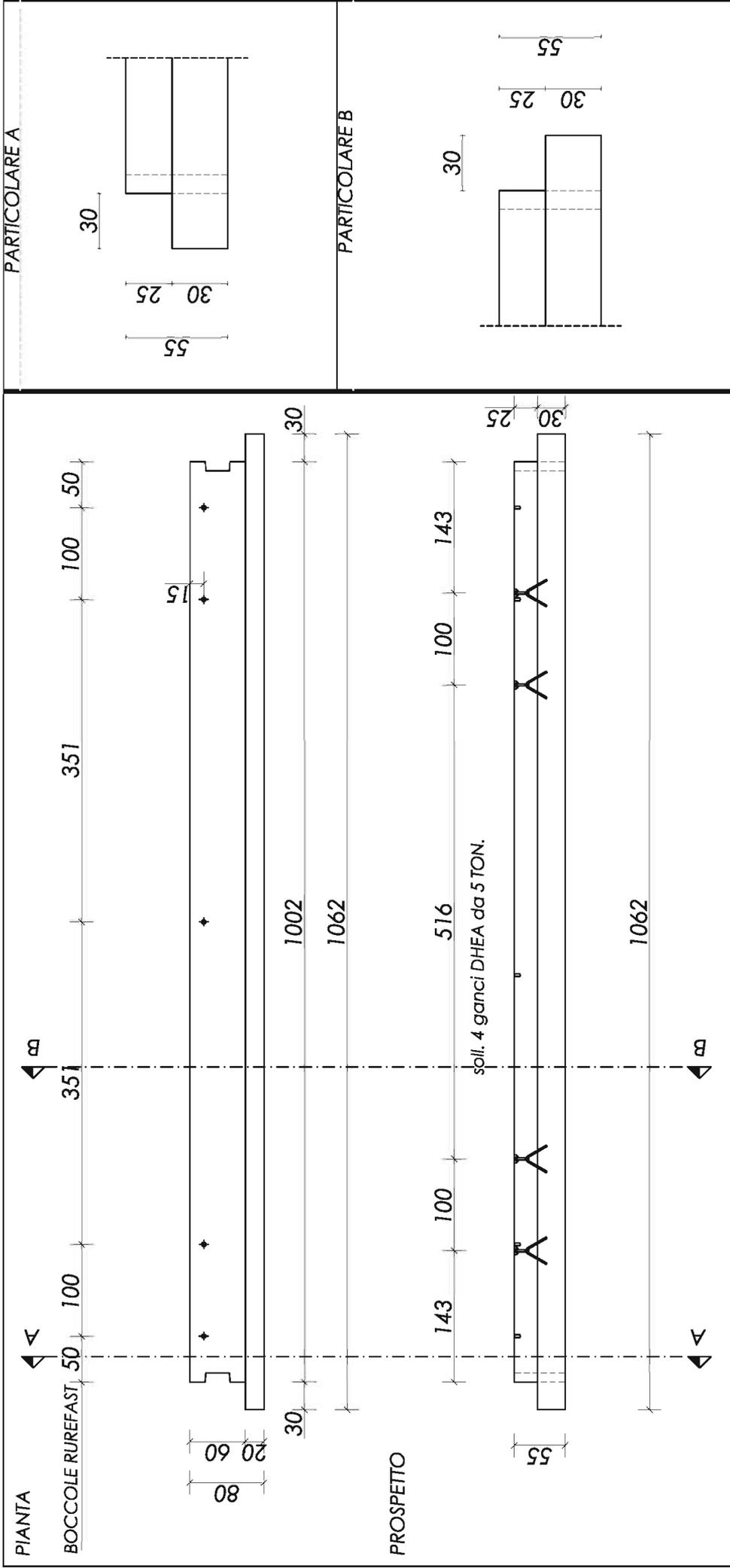
CANTIERE : FERRARA (FE)

DATA : 11/07/2018

OGGETTO : MENSOLA

Pos.11338

Peso totale ferro KG. 44



**SEZ. A-A**

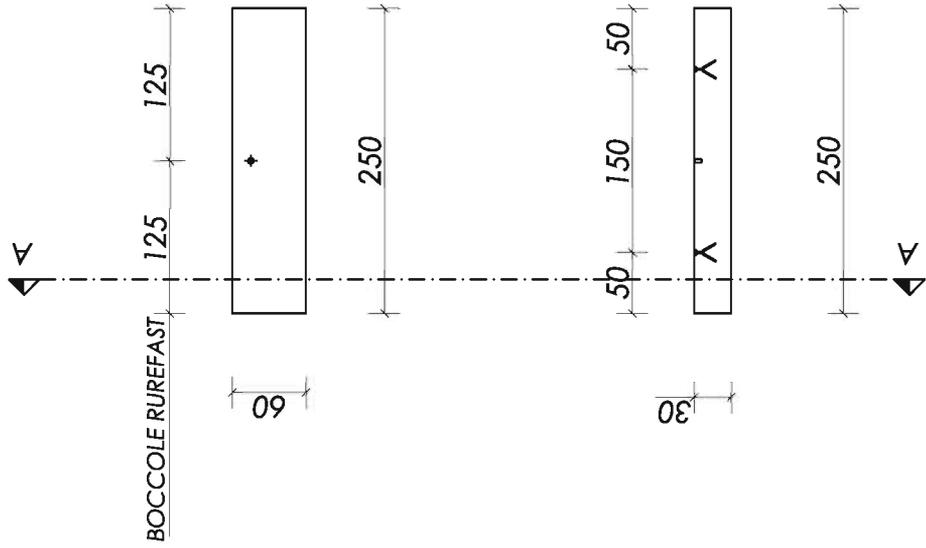
**SEZ. B-B**

n. 5 BOCCOLE RUREFAST  
 n. 4 GANCI DEHA 5 TON. CON FORO  
 n. 14 PROFILI GL LOCATELLI 40/223

 TECNOCOMPONENTI® CADIMARCO - FIESSE (BS)	POS: 11314	R: 120	ZONA sismica: 3	DATA GETTO:
	SIGLA	N° PEZZI	PESO (ton.)	VOLUME (m³)
COMMESSA: I.T.I. FERRARA	TS01	7	10.40	4.16
			Ostio	
			REV.:	04/09/18
			REV.:	
			REV.:	



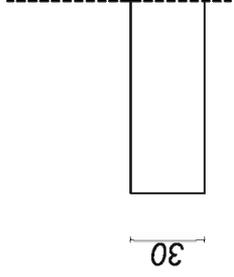
PIANTA



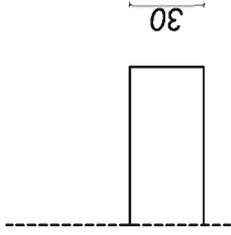
PROSPETTO

solli. 2 ganci DHEA da 5 TON.

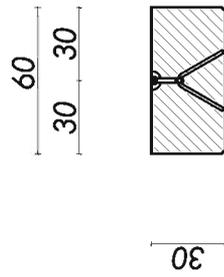
PARTICOLARE A



PARTICOLARE B



SEZ. A-A



SEZ. B-B

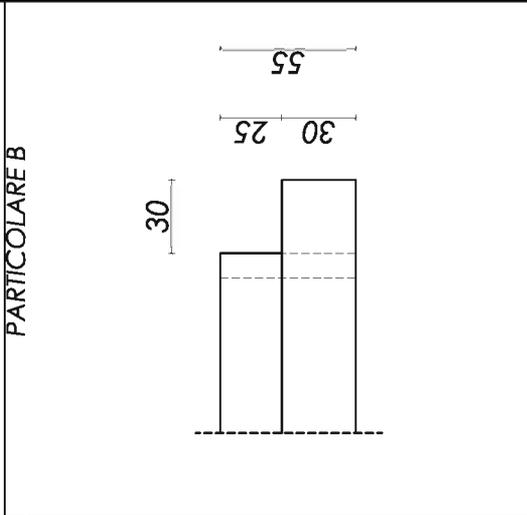
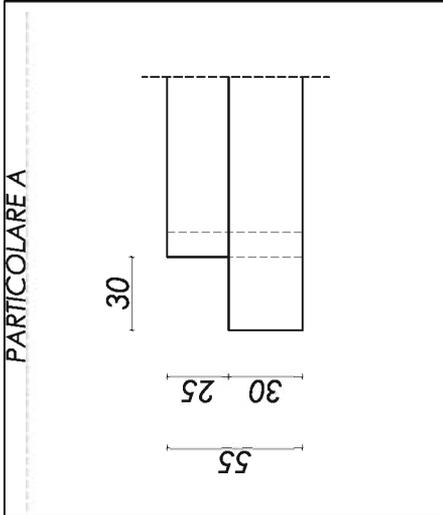
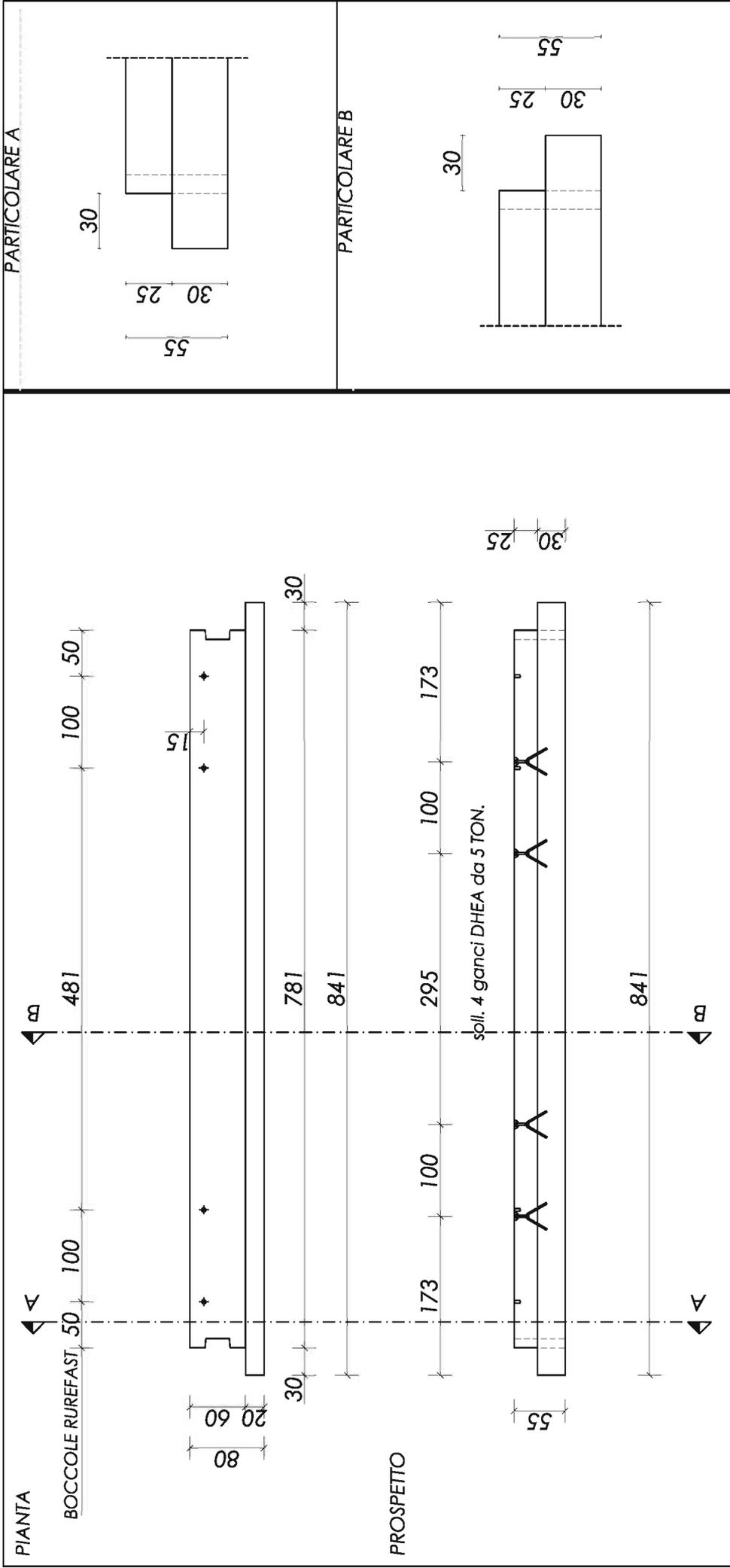
n. 5 BOCCOLE RUREFAST  
 n. 4 GANCI DEHA 5 TON. CON FORO  
 n. 14 PROFILI GL LOCATELLI 40/223



COMMESSA: I.T.I. FERRARA

POS.: 11314	R: 120	ZONA sismica: 3	DATA GETTO: 04/09/18
SIGLA	N° PEZZI	PESO (ton.)	VOLUME (m³)
TS02	1	10.40	4.16
			Osio
			REV.:
			REV.:
			REV.:





**SEZ. A-A**

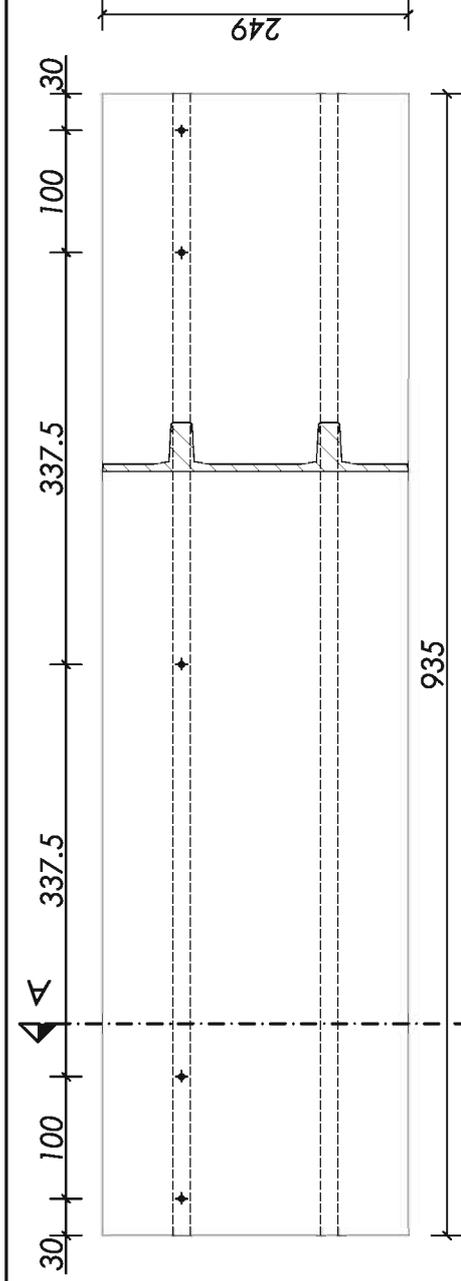
**SEZ. B-B**

n. 5 BOCCOLE RUREFAST  
n. 4 GANCI DEHA 5 TON. CON FORO

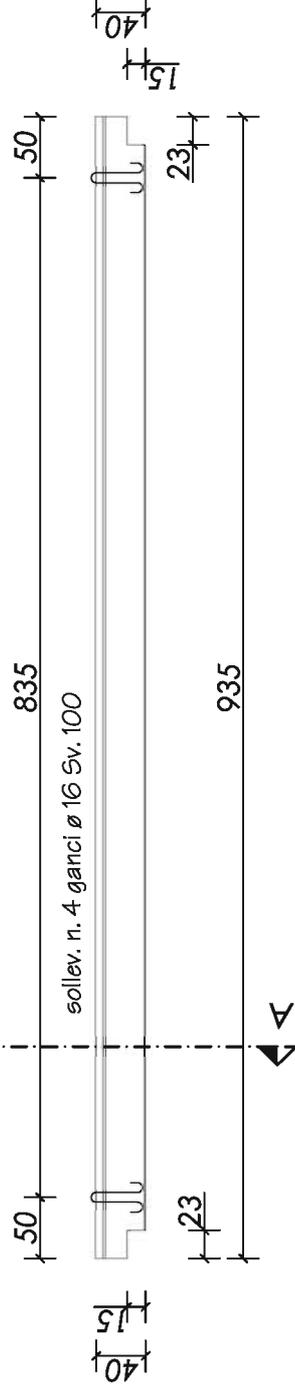
 TECNOCOMPONENTI® CADIMARCO - FIESSE (BS)	POS.: 11314	R: 120	ZONA sismica: 3	DATA GETTO:	DATA
	SIGLA	N° PEZZI	PESO (ton.)	VOLUME (m³)	04/09/18
COMMESSA: I.T.I. FERRARA	TS03	7	10.40	4.16	Osio
					REV.:
					REV.:



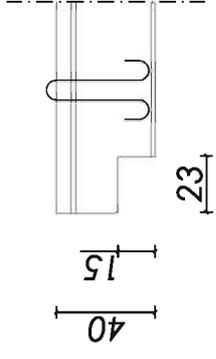
PIANTA



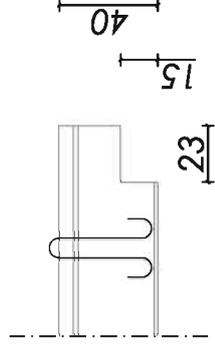
PROSPETTO



PARTICOLARE A

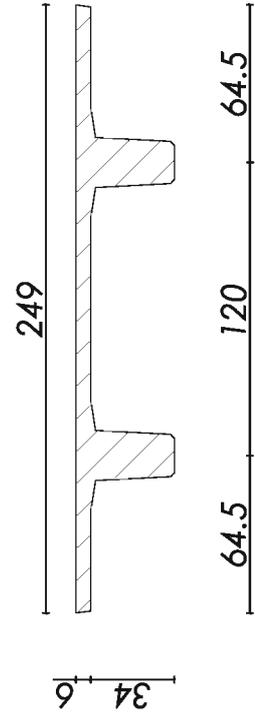


PARTICOLARE B



SEZ. A-A

N.B. STAFFE PER GETTO CARTELLA



n. 4 BOCCOLE RUREFAST  
n. 4 GANCI Ø 14 SV. 100



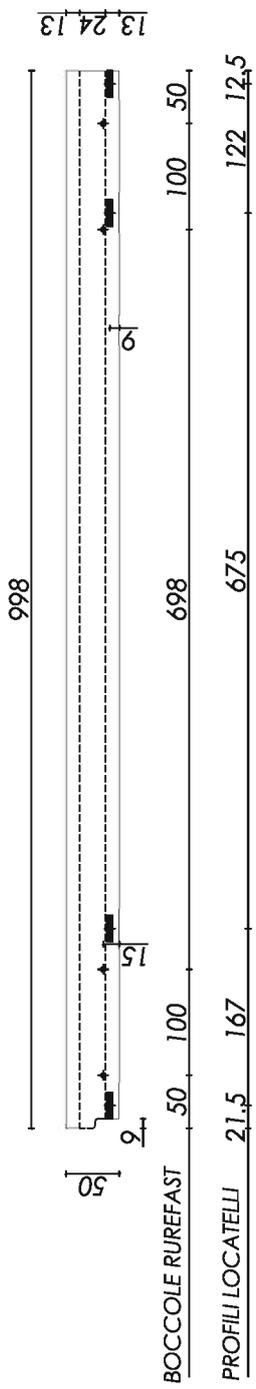
TECNOCOMPONENTI®  
CADIMARCO - FIESSE (BS)

COMMESSA: I.T.I. FERRARA

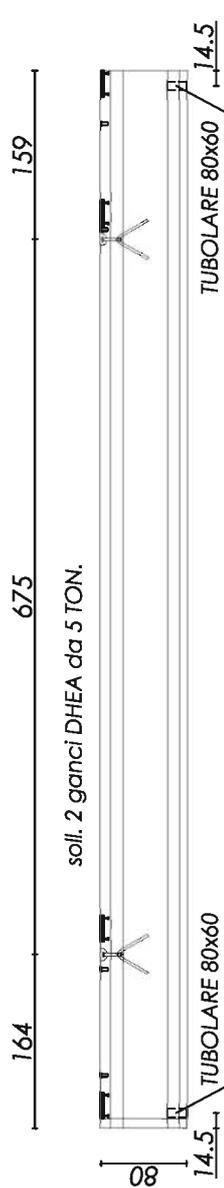
POS.: 11338	R: 120	zona distric.: 3	DATA GETTO:	DATA
SIGLA	N° PEZZI	PESO (ton.)	VOLUME (m³)	04/09/18
SS01	2	6.33	2.53	REV.:
			0SIO	REV.:
				REV.:



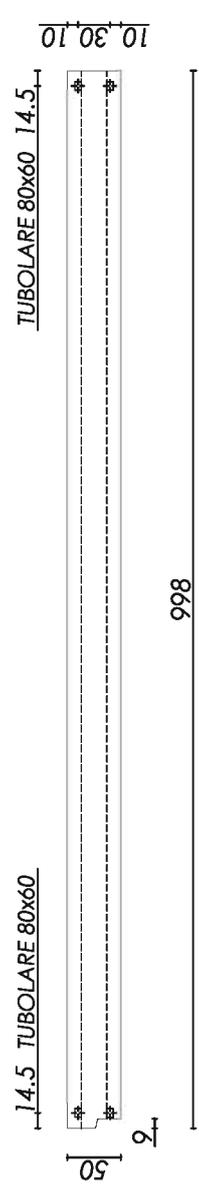
PIANTA



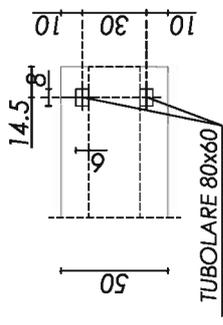
PROSPETTO



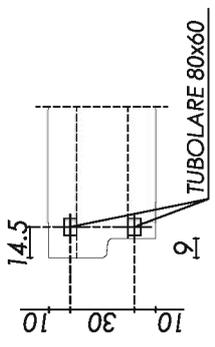
VISTA INFERIORE



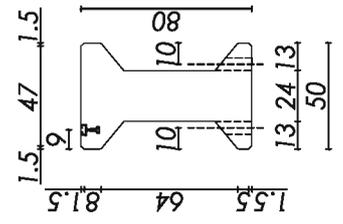
PARTICOLARE A



PARTICOLARE B



SEZ. A-A



SEZ. B-B

n. 4 PROFILI LOCATELLI 40/223  
 n. 4 TUBOLARI 80x60x3 L=300 MM.  
 n. 4 BOCCOLE RUREFAST 100 RUREDIL  
 n. 2 GANCI DEHA CON FORO DA 5 TON.

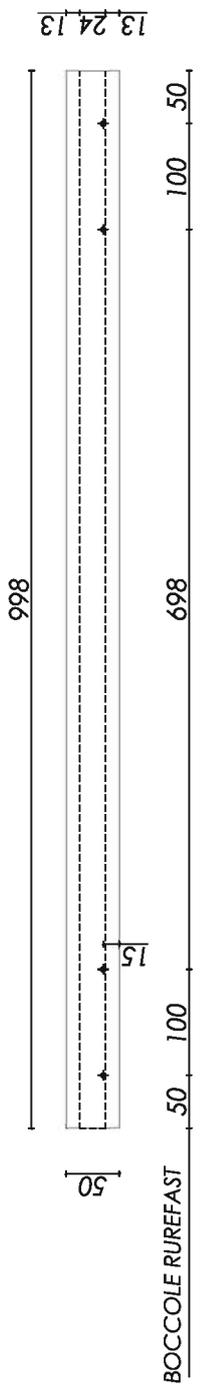
R:	120	ZONA sismica:	3	DATA GETTO:	04/09/18
N° PEZZI		PESO (ton.)	5.33	VOLUME (m³)	
SIGLA	TB01	DESIGNATORE	Osio	REV.:	
TECNOCOMPONENTI® CADIMARCO - FIESSE (BS) COMMESSA - I.T.I. FERRARA	POS.: 11338			REV.:	



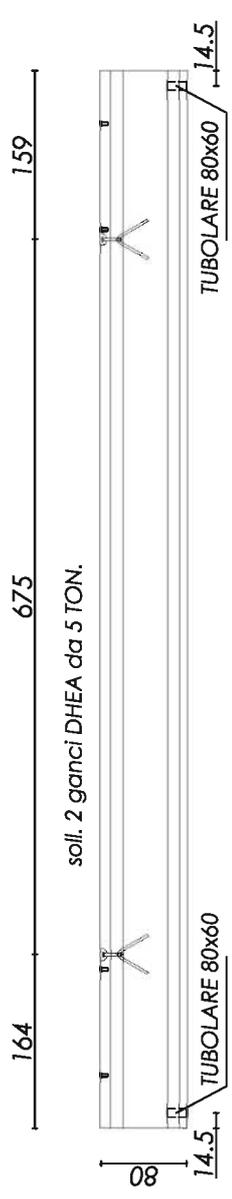




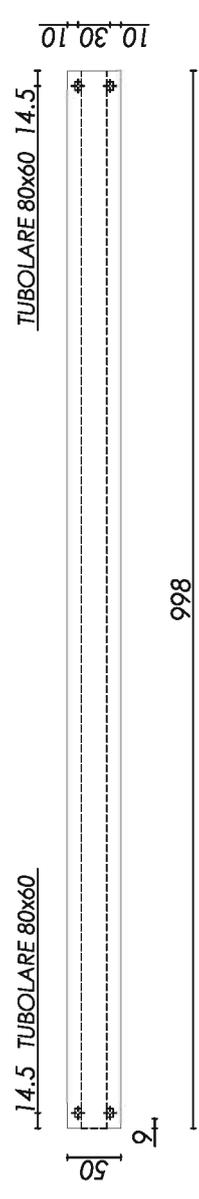
PIANTA



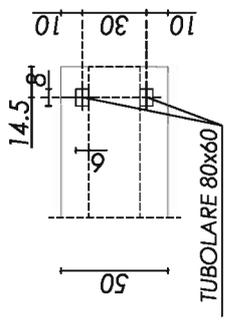
PROSPETTO



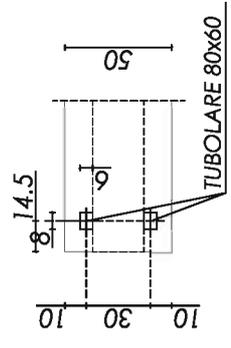
VISTA INFERIORE



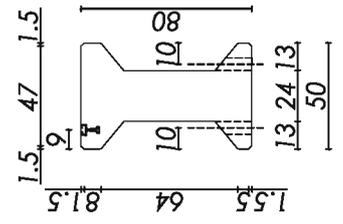
PARTICOLARE A



PARTICOLARE B



SEZ. A-A



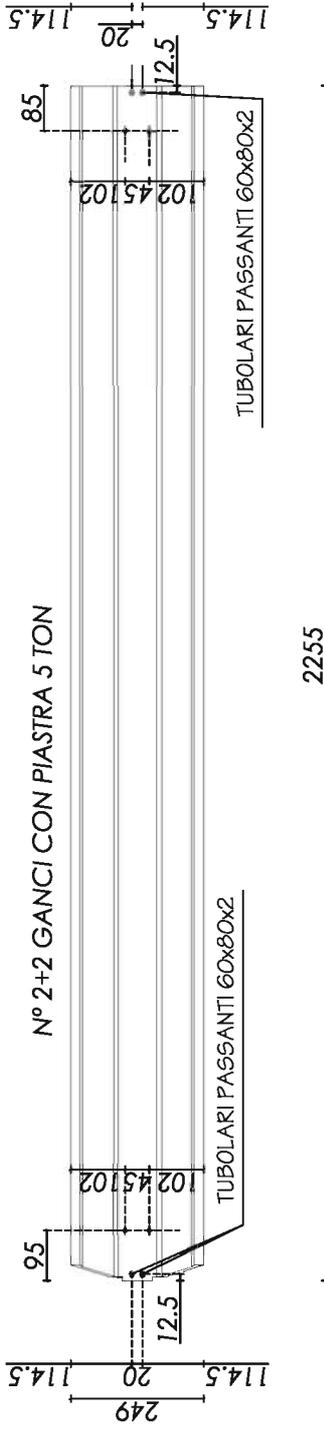
SEZ. B-B

n. 4 PROFILI LOCATELLI 40/223  
 n. 4 TUBOLARI 80x60x3 L=300 MM.  
 n. 4 BOCCOLE RUREFAST 100 RUREDIL  
 n. 2 GANCI DEHA CON FORO DA 5 TON.

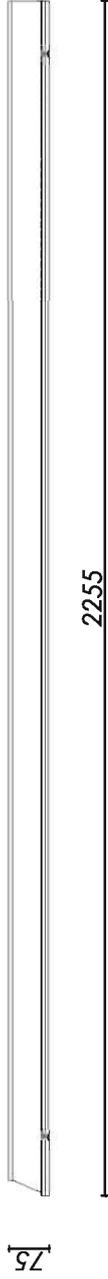
 TECNOCOMPONENTI® CADIMARCO - FIESSE (BS) COMMESSA : I.T.I. FERRARA	POS.: 11338	R: 120	DATA GETTO:	DATA
	SIGLA	N° PEZZI	VOLUME (m³)	04/09/18
TB03		PESO (ton.)	DISEGNATORE	REV.:
		5.33	Osio	REV.:
		2.13		REV.:



PIANTA



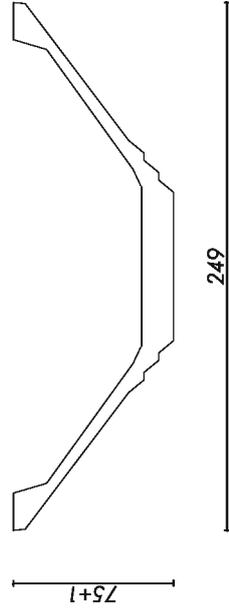
PROSPETTO



PARTICOLARE A

PARTICOLARE B

SEZ. A-A



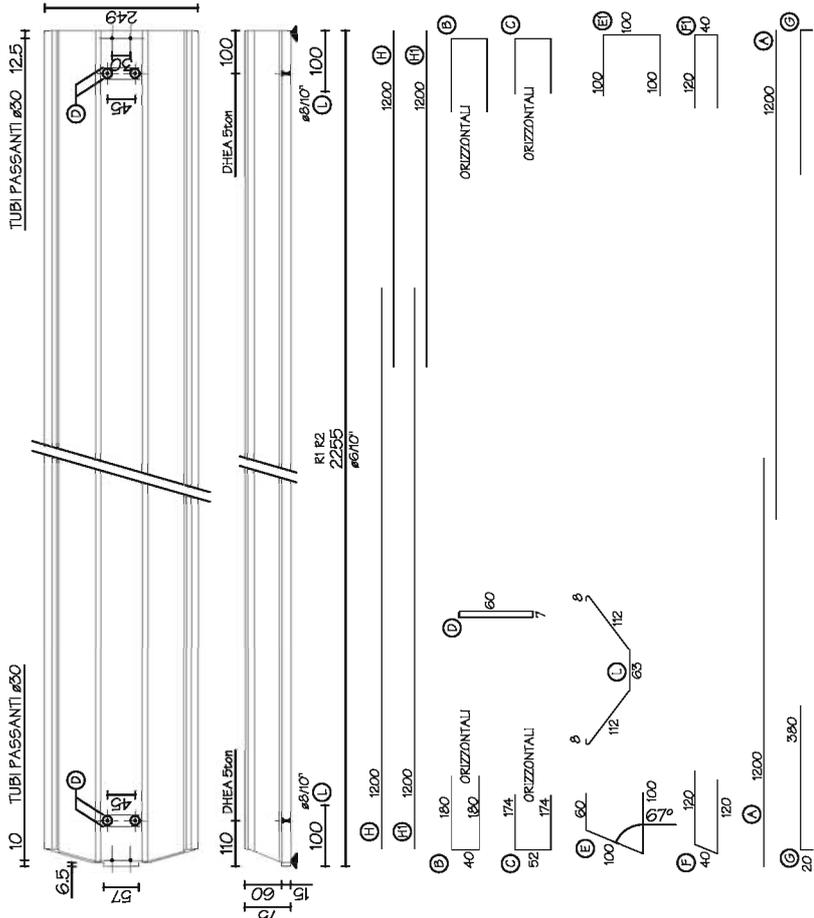
TELLUS 75+1

N° 4 Ganci Ruredil DHEA 5 Ton con piastra  
 N° 4 TUBI Ø 30 MM  
 n. \_ PROFILI GL LOCATELLI 40/223

 TECNOCOMPONENTI® CADIMARCO - FESSE (BS)	POS.: 11338	R: 120	Zona sismica: 3	DATA GETTO:	DATA
	SIGLA	N° PEZZI	PESO (ton.)	VOLUME (m³)	DESIGNATORE
COMMESSA: I.T.I. FERRARA	TU01	6	11.23	4.49	Osio
					REV.:
					REV.:
					REV.:

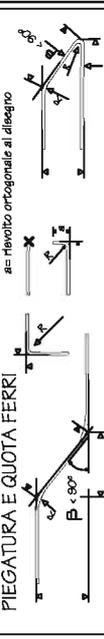
RETE		
Pos.	Ø	Sviluppo pezzi
R1	RETE Ø6 10x10	200x2255
R2	RETE Ø6 10x10	300x2255

DISTINTA STAFFE		
Pos.	N° pezzi	Peso Kg.
A	2+2	1200
B	1+1	400
C	1+1	400
D	2	140
E	2	260
E1	2	300
F	2	280
F1	2	280
G	2+2	400
H	2+2	1200
H1	2+2	1200
L	20	303



STOCCA/AGGLO E TRASPORTO	SOLLEVAMENTO	VELOCITÀ (m/min)	PIENO	RIEPILO PESI (Kg)
100	100	12	12	371
150	150	15	15	511
200	200	20	20	369

**CARATTERISTICHE DEI MATERIALI:**  
 CALCESTRUZZO: 300 kg/m<sup>3</sup>  
 ACCIAIO B40C: 785 kg/m<sup>3</sup>  
 TREFILO STABILIZ: 4000 kg/m<sup>3</sup>  
 RETE ELETTROSALDATA: 1670 kg/m<sup>3</sup>  
 RETE ELETTROSALDATA: 4000 kg/m<sup>3</sup>



TIPO ACCIAIO	Ø4	Ø6	Ø8	Ø10	Ø12	Ø15	Ø20	Ø25	Ø30
F2 B40C	16	20	24	28	32	36	40	45	50

**TECNOCOMPONENTI S.p.A. CADIMARCO - FIESSE (BS)**  
 Via Ivrea 141 (0302) 9800722 fax: (030) 9800703  
 email: info@tecnocomponenti.com

**COMMITTENTE:** I.T.I. IMPRESA GENERALE S.P.A.  
**CANTIERE:** FERRARA (FE)  
**OGGETTO:** TRAVE TELLUS H= 75+1 P05. 11230B

