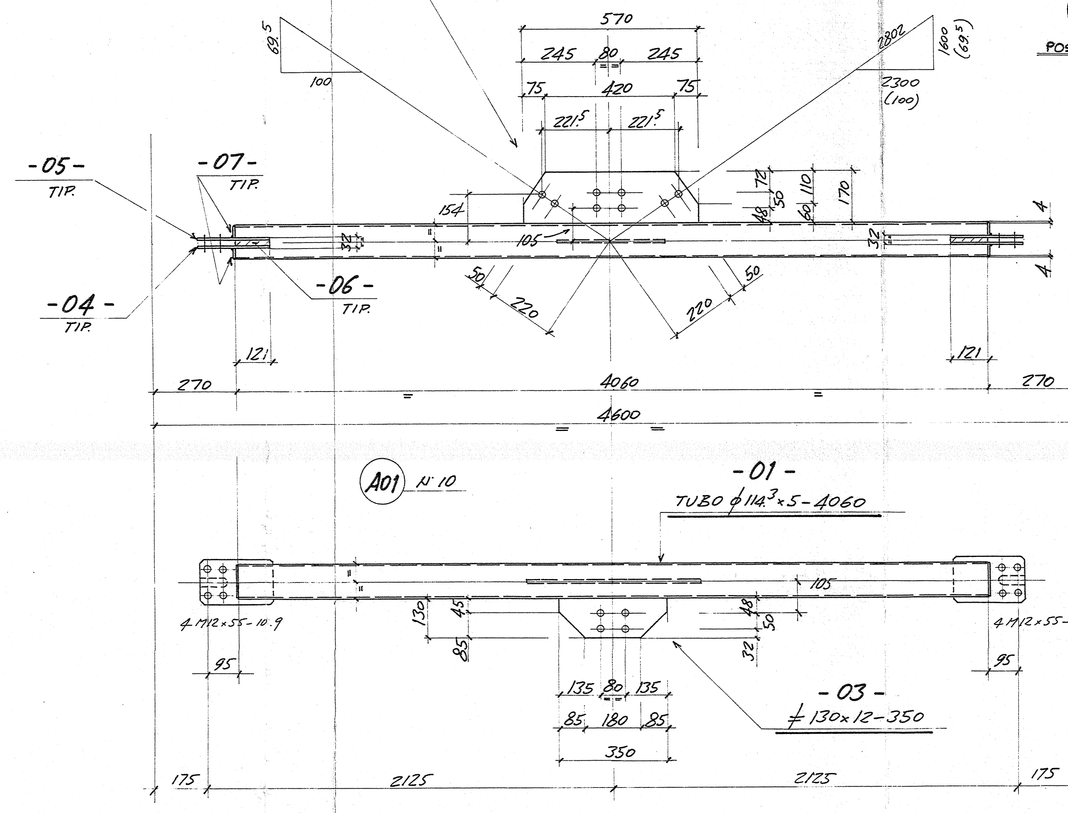
BULLONERIA :
(per le marche da questo disegno)

M12 x 55-10.9 N° 512

M16 x 60 " N° 16

RIFERIMENTO DISEGNO	N° PEZZI	PROFILATO	LUNG.	POS.	MARCHE	PESO UNIT.	PESO TOTALE	QUANTITA' MONT.	COMPOSIZIONE MARCHE
DIS. 3	10	COMPOSTA			A01	350	3500		
	6				A02	201	1206		
	2				A03	1077	1077		
	2				A04	1077	1077		
	3				A05	460	1380		
	3				A06	460	1380		
	5				A07	289	1445		
	10				A08	379	3790		
	28				A09	448	1358		
					TOT. Kg.		3973		
									01 02 03 04 05 06 07 08 09 010 011 012 013 014 015 016 017 018 019 019A 020 020A
DIS. 3	10	TUBO ϕ 114.3 x 5	4060	01		55	550	ϕ 360/8	1
	10	$\neq$ 170 x 12	570	02		9	90	ϕ 432/8	1
	10	$\neq$ 130 x 12	350	03		4	40		1
	174	$\neq$ 150 x 8	240	04		2	348		2 2 1 1 1 1 1 2 4
	42	"	240	05		2	84		2 2 1 1 1 1
	128	$\neq$ 115 x 14	125	06		1.5	192		2 2 1 1 1 1 2 2 2
	256	$\neq$ 38 x 5	106	07		0.5	64		4 4 2 2 2 2 4 4 4
	6	TUBO ϕ 114.3 x 5	4100	08		55	373	ϕ 360/8	1
	10	$\neq$ 220 x 12	540	09		11	110	ϕ 432/8	1 1 1 1
	10	$\neq$ 170 x 12	570	010		8.5	85		1 1 1 1
	4	TUBO ϕ 114.3 x 5	4425	011		60	240	ϕ 360/8	1 1
	10	$\neq$ 170 x 12	360	012		5.5	55	ϕ 432/8	1 1 1 1
	10	$\neq$ 106 x 5	106	013		0.5	5	"	1 1 1 1
	6	TUBO ϕ 114.3 x 5	2125	014		28.5	171	ϕ 360/8	1 1
	5	"	1120	015		15	75	"	1
	40	$\neq$ 150 x 8	280	016		2.5	100	ϕ 432/8	4 2
	10	TUBO ϕ 114.3 x 5	1910	017		26.5	260	ϕ 360/8	1
	28	"	2714	018		38.5	1078	"	1
	4	$\neq$ 150 x 12	285	019		4	16	ϕ 432/8	1 1
	4	$\neq$ 150 x 15	220	020		4	16		1 1
	6	$\neq$ 345 x 12	452	019A		15	90		1 1
	6	$\neq$ 150 x 20	200	020A		4.5	27	"	1 1

- 02 -
$\neq$ 170 x 12 - 570

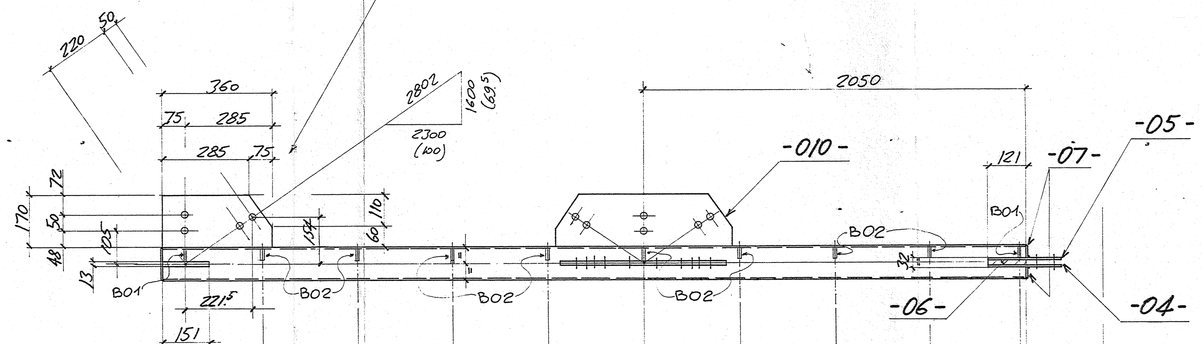


A01 N° 10

- 01 -
TUBO ϕ 114.3 x 5 - 4060

- 03 -
$\neq$ 130 x 12 - 350

- 012 -
$\neq$ 170 x 12 - 360

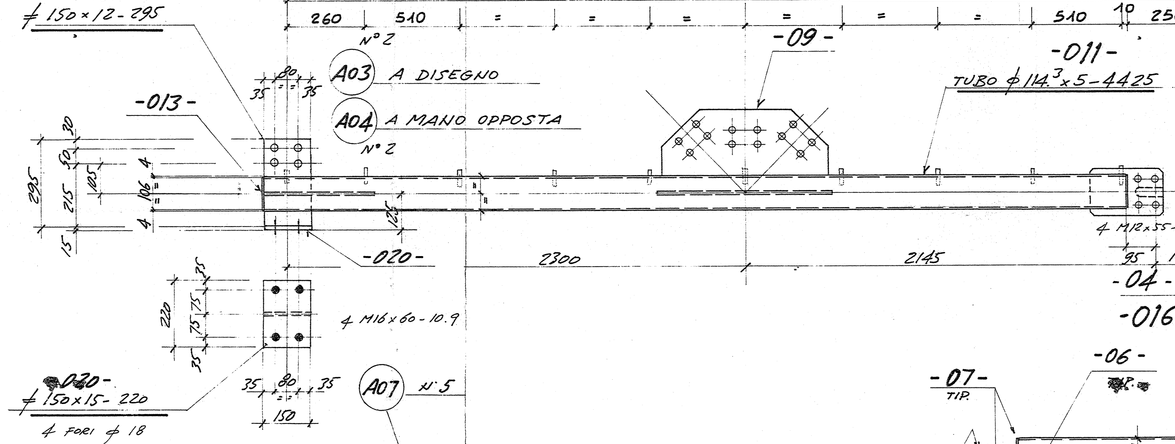


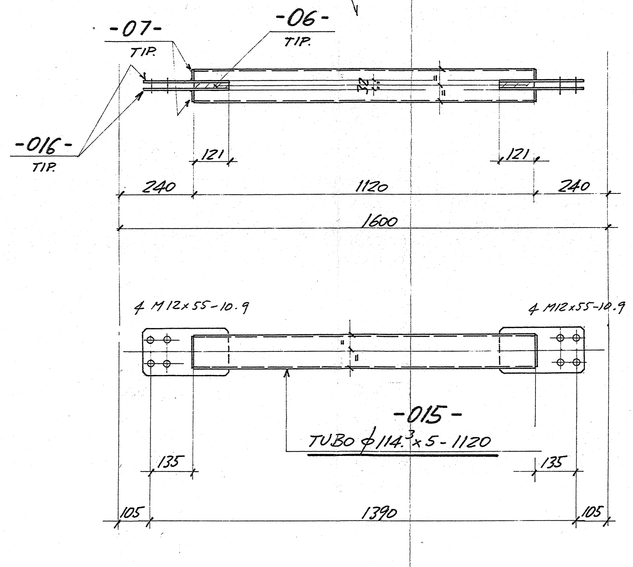
- 019 -
$\neq$ 150 x 12 - 295

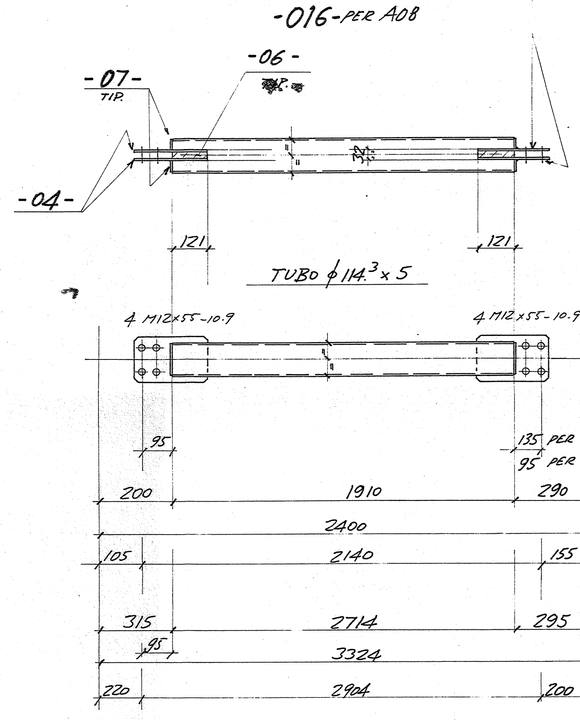
A03 A DISEGNO

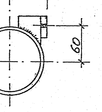
A04 A MANO OPPOSTA

N° 2



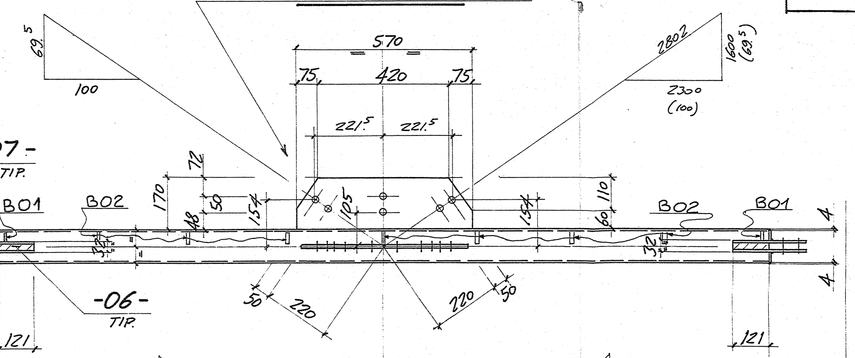






POSIZIONAMENTO TIPICO RIF. B01-B02 RISPETTO AGLI ASSI TUBO

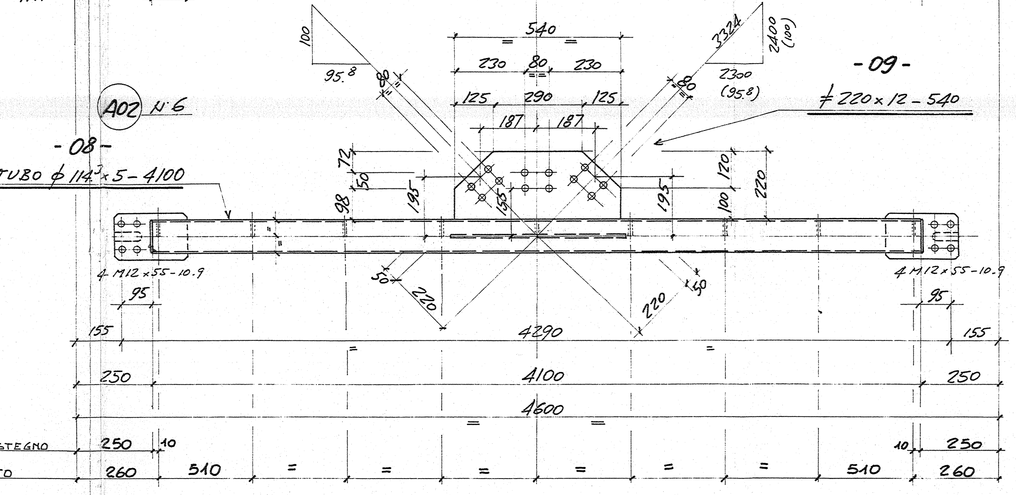
- 010 -
$\neq$ 170 x 12 - 570



A02 N° 6

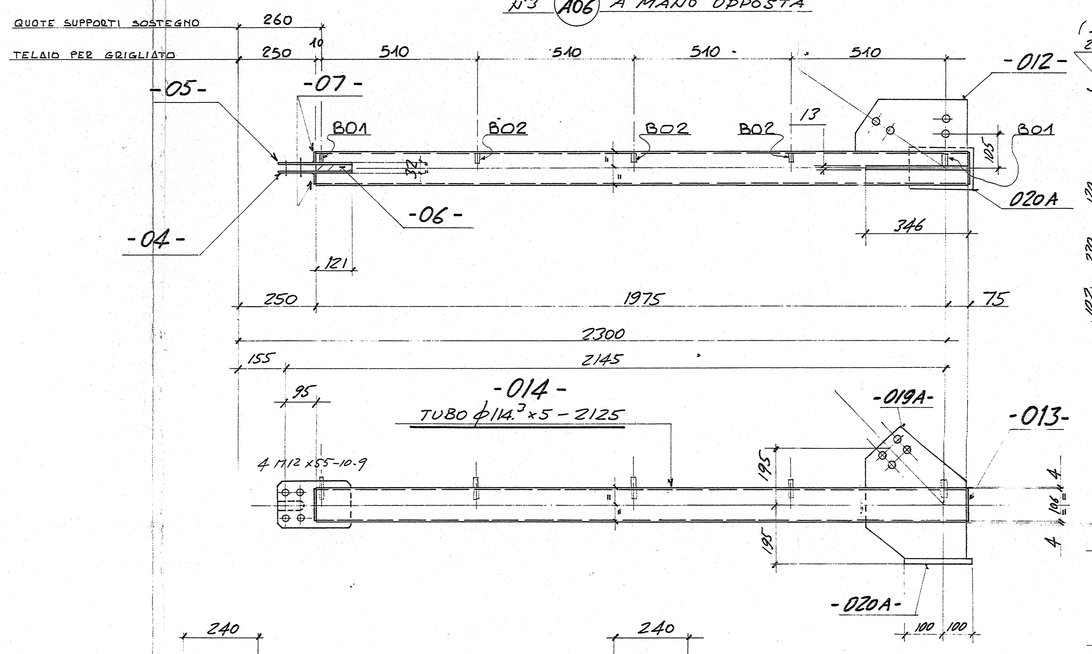
- 08 -
TUBO ϕ 114.3 x 5 - 4100

- 09 -
$\neq$ 220 x 12 - 540

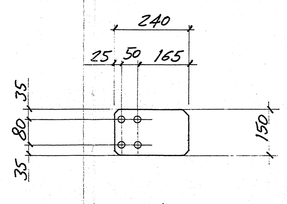


N° 3 A05 A DISEGNO

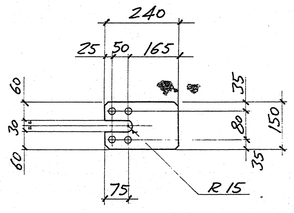
N° 3 A06 A MANO OPPOSTA



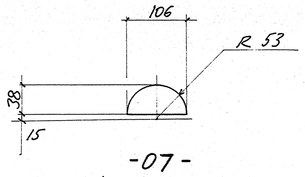
- 014 -
TUBO ϕ 114.3 x 5 - 2125



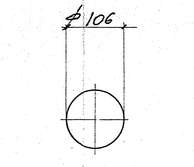
- 04 -
$\neq$ 150 x 8 - 240
4 - SM. 15 x 15



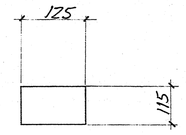
- 05 -
$\neq$ 150 x 8 - 240
4 - SM. 15 x 15



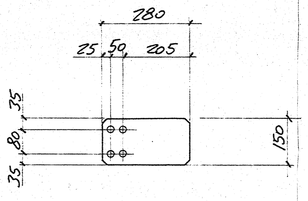
- 07 -
$\neq$ 38 x 5 - 106



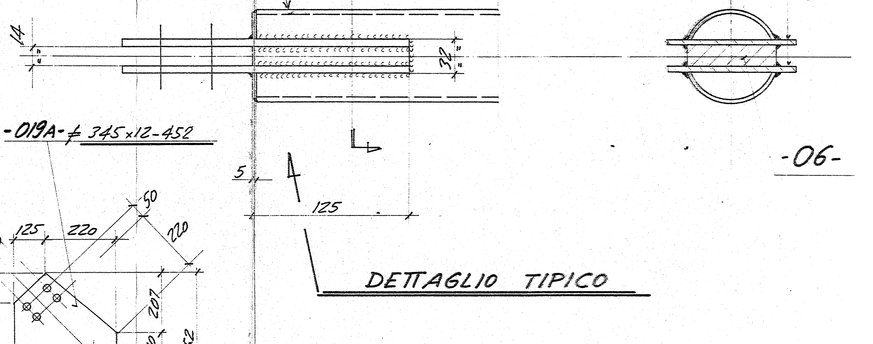
- 013 -
$\neq$ 106 x 5 - 106



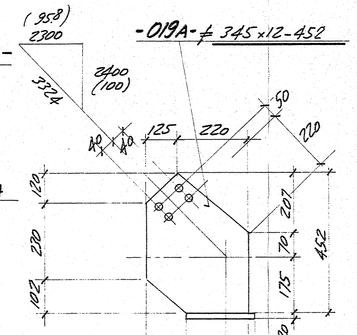
- 06 -
$\neq$ 115 x 14 - 125



- 016 -
$\neq$ 150 x 8 - 280
4 - SM. 15 x 15



DETTAGLIO TIPICO



JUTTI I FORI SONO ϕ 14 PER BULLONI M12 - 10.9
(SE NON DIVERSAMENTE INDICATO)

- PER IL MONTAGGIO VEDERE DIS. N° 565/09

NOTE TECNICHE

- ZINCATURA A CALDO SECONDO UNI 5744
- SABBIATURA GRADO SA 2.5
- N° ____ MANI DI ANTIRUGGINE
- N° ____ MANI DI SMALTO SINTETICO RAL
- VERNICE IGNIFUGA A ____ MINUTI

MATERIALI

acciaio in profilati	—
acciaio in tubi	Fe 360 B
acciaio per lamiere	Fe 430 B

DIN 7990 DIN 7989 UNI 5588
UNI 5737 UNI 6592 UNI 5588
UNI 5712 UNI 5714 UNI 5713

FORI ϕ 12
FORI ϕ 14
FORI ϕ 16
FORI ϕ 18
FORI ϕ 20
FORI ϕ 22
FORI ϕ 24
FORI ϕ 26
FORI ϕ 29

L'INCARICATO

COPPIE DI SERRAGGIO IN KGM.								
CLASSE	M 12	M 14	M 16	M 18	M 20	M 22	M 24	M 27
CL. 5.6	5.3	8.4	12.8	17.7	25.0	33.2	43.2	63.1
CL. 8.8	8.5	13.5	20.5	28.3	40.0	53.2	69.2	101.0
CL. 10.9	11.9	19.0	28.8	39.8	56.2	74.8	97.1	142.0

MARCHE A01 ÷ A09

POSIZIONI 01 ÷ 019 019A - 020 - 020A

Dr. ing. CLAUDIO CECCOLI
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Iscritto all'Albo Ingegneri di Bologna
4429

MECOOP
Divisione Carpenteria in acciaio
Via Strada Este
42040 S. Vittoria di Gualtieri (R.E.)
Tel. (0522) 833421 r.a.
Fax (0522) 833620

CLIENTE	COOP 7
LAVORO	PASSERELLE CICLABILI S. MARIA R.E.
OGGETTO	ESECUTIVO STRUTTURE
DATA	
TECNICO	GUALDI
REVISIONI	
COMMESSA	3/03
SCALA	
DISEGNATORE	METAL PROGETTI
DISEGNO	565/03