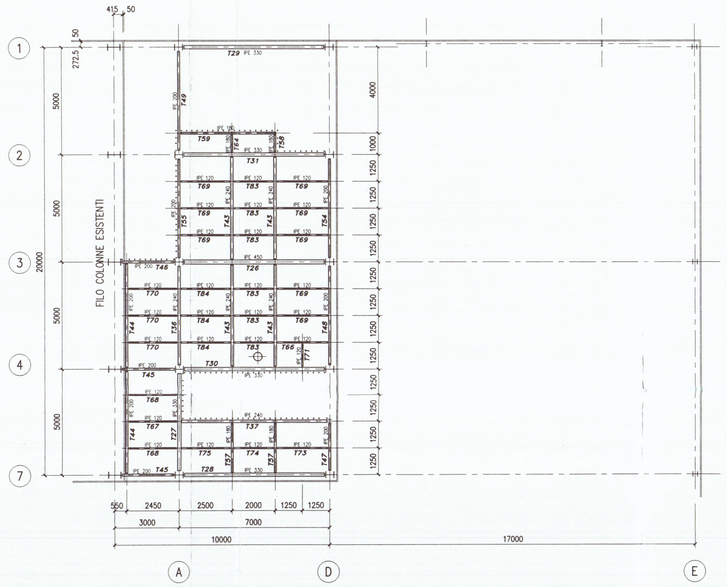
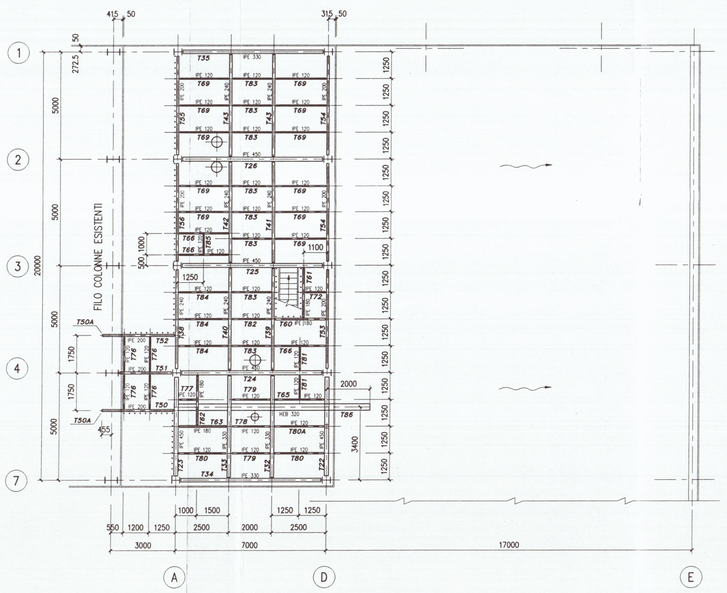


PIANTA a q. +6.50

scala 1:100



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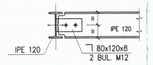
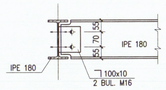
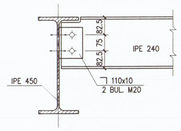
scala 1:100



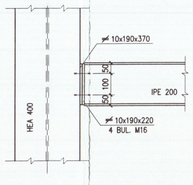
ATTACCO IPE 120–IPE 120



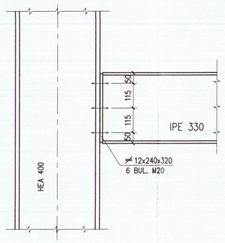
ATTACCO IPE 180–IPE 180



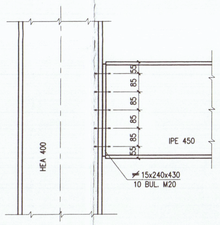
ATTACCO IPE 240–IPE 450



ATTACCO IPE 200–HEA 400



ATTACCO IPE 330–HEA 400



ATTACCO IPE 450–HEA 400

LEGENDA:

..... PROTEZIONE

Marca	N°	Descrizione	Tav.	Peso	Attacchi Marca	Attacchi N°	Bulloni Tipo	Bulloni N°
M1	4	Piatto 15x250x350	B18	14				
S1	272	Angolare 80x120x8	B18	1				
S2	32	Angolare 100x10	B18	2				
S3	38	Angolare 110x10	B18	2				
S4	8	Angolare 110x10	B18	4				
S5	2	Angolare 80x120x8	B18	1				
S6	1	Angolare 110x10	B18	1				
S7	1	Angolare 110x10	B18	1				
S8	4	Angolare 110x10	B18	1				
S9	2	Angolare 110x10	B18	3				
S10	2	Angolare 110x10	B18	3				
T22	1	IPE 450	B13	445			Bullone M12x40 cl. 8.8 UNI 5737	6
							Bullone M20x70 cl. 8.8 UNI 5737	26
T23	1	IPE 450	B13	463			Bullone M12x40 cl. 8.8 UNI 5737	4
							Bullone M16x50 cl. 8.8 UNI 5737	8
							Bullone M20x70 cl. 8.8 UNI 5737	28
T24	1	IPE 450	B13	535			Bullone M12x40 cl. 8.8 UNI 5737	2
							Bullone M16x50 cl. 8.8 UNI 5737	4
							Bullone M20x60 cl. 8.8 UNI 5737	12
							Bullone M20x70 cl. 8.8 UNI 5737	20
T25	1	IPE 450	B13	543			Bullone M16x50 cl. 8.8 UNI 5737	4
							Bullone M20x60 cl. 8.8 UNI 5737	8
							Bullone M20x70 cl. 8.8 UNI 5737	20
T26	2	IPE 450	B13	535			Bullone M20x60 cl. 8.8 UNI 5737	8
							Bullone M20x70 cl. 8.8 UNI 5737	20
T27	1	IPE 330	B13	303			Bullone M12x40 cl. 8.8 UNI 5737	4
							Bullone M20x60 cl. 8.8 UNI 5737	24
T28	1	IPE 330	B13	388			Bullone M16x50 cl. 8.8 UNI 5737	8
							Bullone M20x60 cl. 8.8 UNI 5737	16
T29	1	IPE 330	B14	431			Bullone M20x60 cl. 8.8 UNI 5737	12
T30	1	IPE 330	B14	345			Bullone M12x40 cl. 8.8 UNI 5737	2
							Bullone M20x60 cl. 8.8 UNI 5737	20
T31	1	IPE 330	B14	351			Bullone M20x60 cl. 8.8 UNI 5737	20
T32	1	IPE 330	B14	275	S4	4	Bullone M12x40 cl. 8.8 UNI 5737	6
							Bullone M20x60 cl. 8.8 UNI 5737	6
T33	1	IPE 330	B14	275	S4	4	Bullone M12x40 cl. 8.8 UNI 5737	4
							Bullone M16x50 cl. 8.8 UNI 5737	4
							Bullone M20x60 cl. 8.8 UNI 5737	6
T34	1	IPE 330	B14	376			Bullone M20x60 cl. 8.8 UNI 5737	28
T35	1	IPE 330	B14	414			Bullone M20x60 cl. 8.8 UNI 5737	32
T36	1	IPE 240	B15	201			Bullone M12x40 cl. 8.8 UNI 5737	6
							Bullone M20x60 cl. 8.8 UNI 5737	16
T37	1	IPE 240	B15	219	S3	2	Bullone M16x50 cl. 8.8 UNI 5737	8
							Bullone M20x60 cl. 8.8 UNI 5737	6
T38	1	IPE 240	B15	202			Bullone M12x40 cl. 8.8 UNI 5737	6
							Bullone M16x50 cl. 8.8 UNI 5737	4
							Bullone M20x60 cl. 8.8 UNI 5737	16
T39	1	IPE 240	B15	155	S3	2	Bullone M12x40 cl. 8.8 UNI 5737	4
					S9	1	Bullone M16x50 cl. 8.8 UNI 5737	4
					S10	1	Bullone M20x60 cl. 8.8 UNI 5737	4
T40	1	IPE 240	B15	153	S3	2	Bullone M12x40 cl. 8.8 UNI 5737	6
					S9	1	Bullone M20x60 cl. 8.8 UNI 5737	4
					S10	1		
T41	1	IPE 240	B15	153	S3	4	Bullone M20x60 cl. 8.8 UNI 5737	4
							Bullone M12x40 cl. 8.8 UNI 5737	6
T42	1	IPE 240	B15	153	S3	4	Bullone M12x40 cl. 8.8 UNI 5737	10
							Bullone M20x60 cl. 8.8 UNI 5737	4
T43	6	IPE 240	B15	153	S3	4	Bullone M12x40 cl. 8.8 UNI 5737	6
							Bullone M20x60 cl. 8.8 UNI 5737	4
T44	2	IPE 200	B15	111			Bullone M12x40 cl. 8.8 UNI 5737	6
							Bullone M16x50 cl. 8.8 UNI 5737	4
T45	2	IPE 200	B15	56	M1	1	Bullone M16x50 cl. 8.8 UNI 5737	12
T46	1	IPE 200	B15	58	M1	1	Bullone M16x50 cl. 8.8 UNI 5737	12
T47	1	IPE 200	B15	90			Bullone M12x40 cl. 8.8 UNI 5737	2
							Bullone M16x50 cl. 8.8 UNI 5737	16
T48	1	IPE 200	B15	163			Bullone M12x40 cl. 8.8 UNI 5737	8
							Bullone M16x50 cl. 8.8 UNI 5737	16
T49	1	IPE 200	B16	112			Bullone M16x50 cl. 8.8 UNI 5737	12
T50A	2	HEA 100	B16	12				
T50	1	IPE 200	B16	79	S2	2	Bullone M12x40 cl. 8.8 UNI 5737	4
							Bullone M16x50 cl. 8.8 UNI 5737	6
T51	1	IPE 200	B16	56	M1	1	Bullone M12x40 cl. 8.8 UNI 5737	4
							Bullone M16x50 cl. 8.8 UNI 5737	8
T52	1	IPE 200	B16	79	S2	2	Bullone M12x40 cl. 8.8 UNI 5737	4
							Bullone M16x50 cl. 8.8 UNI 5737	6
T53	1	IPE 200	B16	159			Bullone M12x40 cl. 8.8 UNI 5737	4
							Bullone M16x50 cl. 8.8 UNI 5737	20
T54	3	IPE 200	B16	111			Bullone M12x40 cl. 8.8 UNI 5737	6
							Bullone M16x50 cl. 8.8 UNI 5737	8
T55	2	IPE 200	B16	113			Bullone M12x40 cl. 8.8 UNI 5737	6
							Bullone M16x50 cl. 8.8 UNI 5737	8
T56	1	IPE 200	B16	113			Bullone M12x40 cl. 8.8 UNI 5737	8
							Bullone M16x50 cl. 8.8 UNI 5737	8
T57	2	IPE 180	B16	46	S2	4	Bullone M12x40 cl. 8.8 UNI 5737	2
							Bullone M16x50 cl. 8.8 UNI 5737	4
T58	1	IPE 180	B16	20			Bullone M16x50 cl. 8.8 UNI 5737	8
T59	1	IPE 180	B16	89	S2	2	Bullone M16x50 cl. 8.8 UNI 5737	6
T60	1	IPE 180	B16	47	S2	4	Bullone M16x50 cl. 8.8 UNI 5737	8
T61	1	IPE 180	B16	48	S2	4	Bullone M12x40 cl. 8.8 UNI 5737	2
							Bullone M16x50 cl. 8.8 UNI 5737	4
T62	1	IPE 180	B17	46	S2	4	Bullone M12x40 cl. 8.8 UNI 5737	2
							Bullone M16x50 cl. 8.8 UNI 5737	4
T63	1	IPE 180	B17	46	S2	4	Bullone M16x50 cl. 8.8 UNI 5737	8
T64	1	IPE 180	B17	21	S2	2	Bullone M16x50 cl. 8.8 UNI 5737	8
T65	1	IPE 120	B17	26	S1	4	Bullone M12x40 cl. 8.8 UNI 5737	6
T66	4	IPE 120	B17	26	S1	4	Bullone M12x40 cl. 8.8 UNI 5737	6
T67	1	IPE 120	B17	25	S1	2	Bullone M12x40 cl. 8.8 UNI 5737	4
					S6	1		
					S7	1		
T68	2	IPE 120	B17	25	S1	4	Bullone M12x40 cl. 8.8 UNI 5737	4
T69	19	IPE 120	B17	26	S1	4	Bullone M12x40 cl. 8.8 UNI 5737	4
T70	3	IPE 120	B17	25	S1	4	Bullone M12x40 cl. 8.8 UNI 5737	4
T71	1	IPE 120	B17	13	S1	4	Bullone M12x40 cl. 8.8 UNI 5737	4
T72	1	IPE 120	B17	11	S1	4	Bullone M12x40 cl. 8.8 UNI 5737	4
T73	1	IPE 120	B17	26	S1	4	Bullone M12x40 cl. 8.8 UNI 5737	4
T74	1	IPE 120	B17	21	S1	4	Bullone M12x40 cl. 8.8 UNI 5737	4
T75	1	IPE 120	B17	26	S1	4	Bullone M12x40 cl. 8.8 UNI 5737	4
T76	4	IPE 120	B17	18	S1	4	Bullone M12x40 cl. 8.8 UNI 5737	4
T77	1	IPE 120	B17	10	S1	4	Bullone M12x40 cl. 8.8 UNI 5737	4
T78	1	IPE 120	B17	21	S1	2	Bullone M12x40 cl. 8.8 UNI 5737	4
					S8	2		
T79	2	IPE 120	B17	21	S1	4	Bullone M12x40 cl. 8.8 UNI 5737	4
T80	2	IPE 120	B17	26	S1	4	Bullone M12x40 cl. 8.8 UNI 5737	4
T80A	1	IPE 120	B17	26	S1	2	Bullone M12x40 cl. 8.8 UNI 5737	4
					S5	2		
T81	2	IPE 120	B17	13	S1	4	Bullone M12x40 cl. 8.8 UNI 5737	4
T82	1	IPE 120	B17	21	S1	2	Bullone M12x40 cl. 8.8 UNI 5737	4
					S8	2		
T83	14	IPE 120	B17	21	S1	4	Bullone M12x40 cl. 8.8 UNI 5737	4
T84	6	IPE 120	B17	26	S1	4	Bullone M12x40 cl. 8.8 UNI 5737	4
T85	1	IPE 120	B17	10	S1	4	Bullone M12x40 cl. 8.8 UNI 5737	4
T86	1	HEB 320	B17	1163			Bullone M20x60 cl. 8.8 UNI 5737	4
							Bullone M24x80 cl. 8.8 UNI 5737	16

Totale peso kg.			13799
Totale	Bullone M12x40	cl. 8.8 UNI 5737	474
Totale	Bullone M20x70	cl. 8.8 UNI 5737	134
Totale	Bullone M16x50	cl. 8.8 UNI 5737	274
Totale	Bullone M20x60	cl. 8.8 UNI 5737	282
Totale	Bullone M24x80	cl. 8.8 UNI 5737	16

COPIA PER IL COMUNE

REGIONE TOSCANA
UFFICIO DEL GENIO CIVILE di Arezzo
Sezione di Arezzo
Sezione staccata di Perugia - LA PIETRA
P. IVA 00397130521 - Stralcio n. 6140
Mozzo, il - 7 SET. 1998

Dott. Ing. RAFFAELE MORETTINI
Albo Ingegneri Perugia
N. 1095

FRAGOLA
COSTRUZIONI MECCANICHE
F.LLI FRAGOLA S.p.A.-SANTA MARIA DEGLI ANGELI-PERUGIA-ITALIA

OGGETTO
IMPIANTO DI MACINAZIONE RICICLO HAZEMAG
PIANTE A Q. +6.50 e +8.80

CLIENTE:
SPETT. SAIMI S.p.A. LA PIASTRA

Disegno	1948-B02
Sostituisce il	
Sostituito dal	
Scala	1:10 - 1:100
Disegnatore	G.LOLLINI
Data Creazione	13/LUG/1998
Data Modifica	

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Il disegno non potrà essere copiato o riprodotto o comunicato a terzi senza espressa autorizzazione