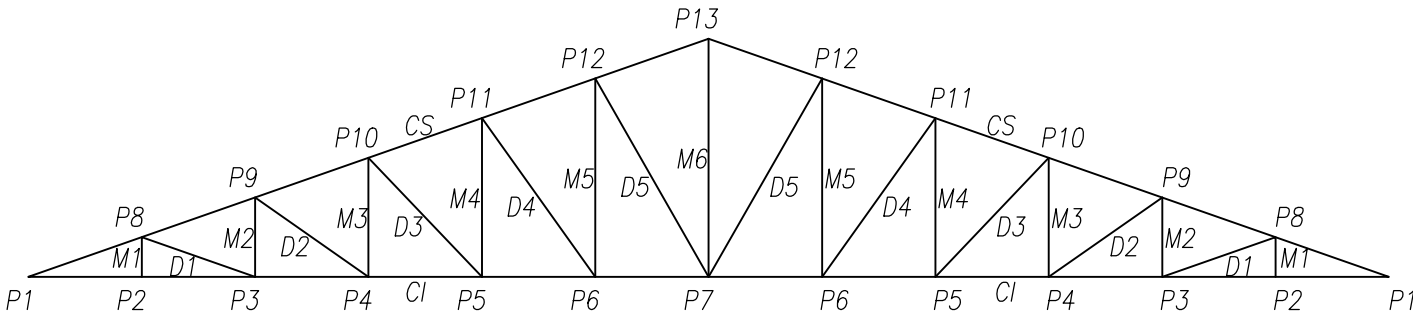
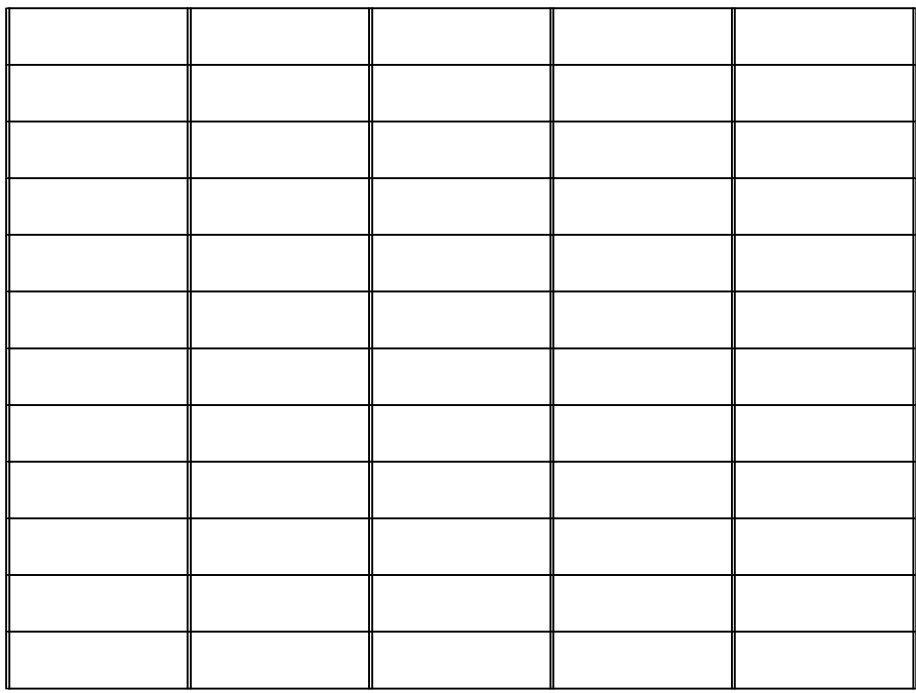


Schema trave 1:100



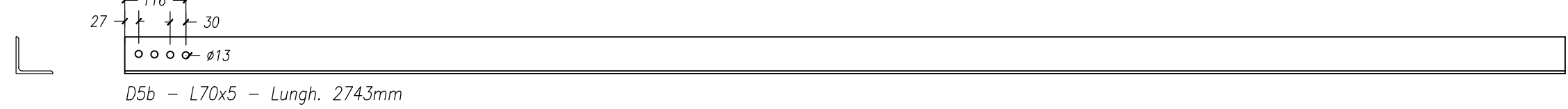
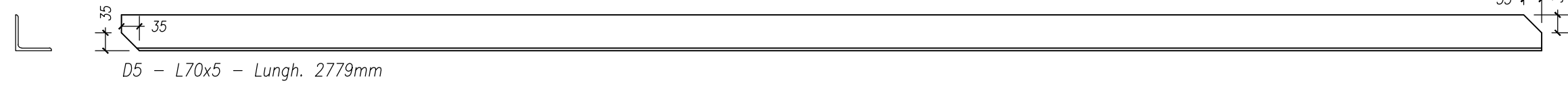
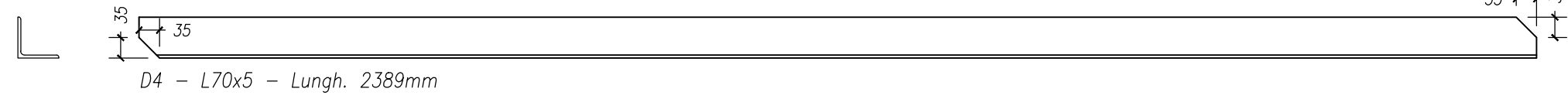
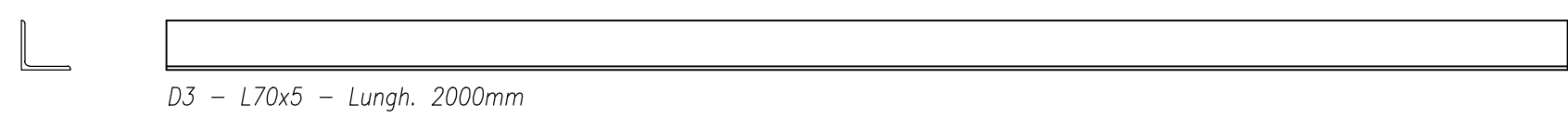
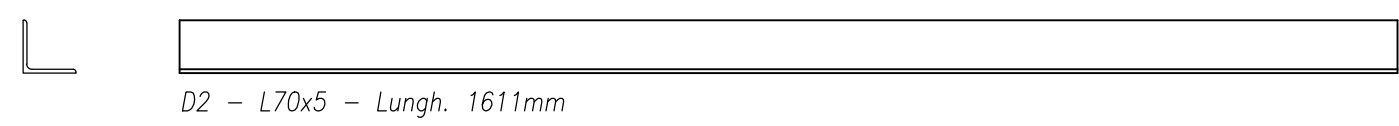
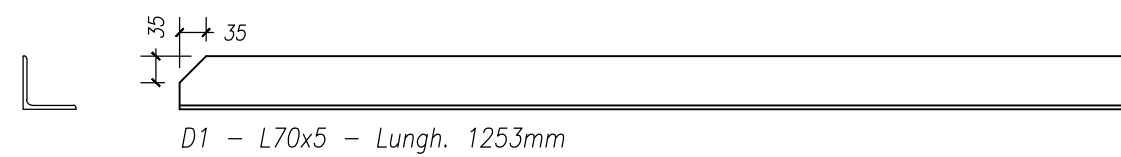
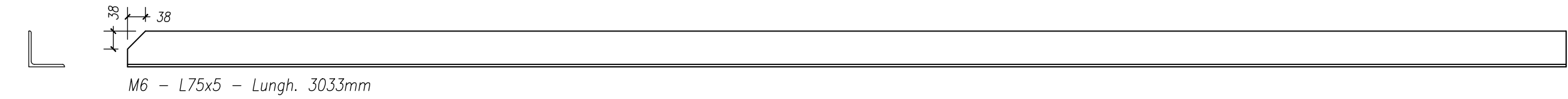
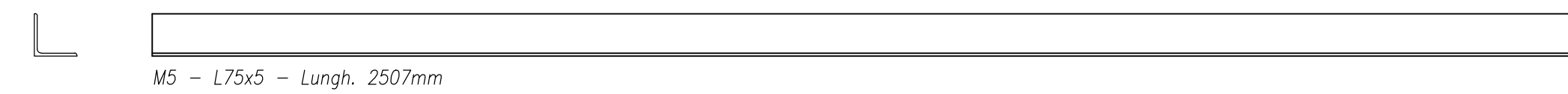
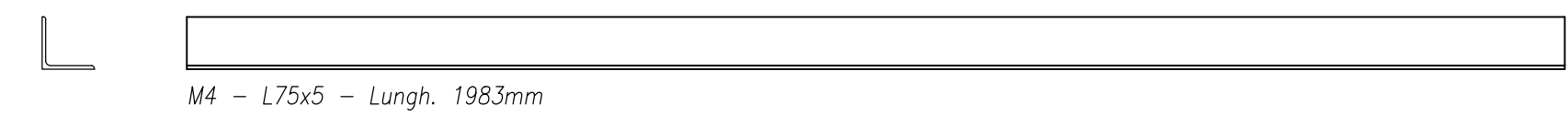
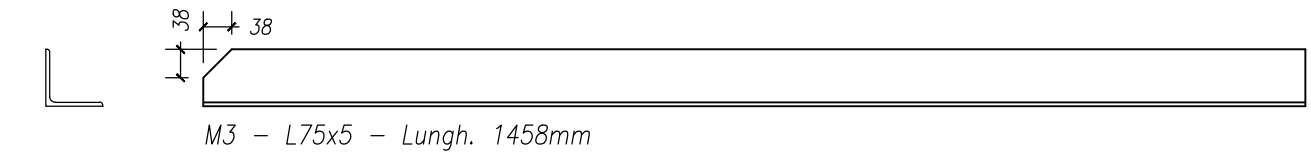
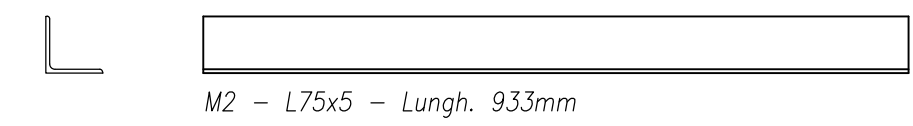
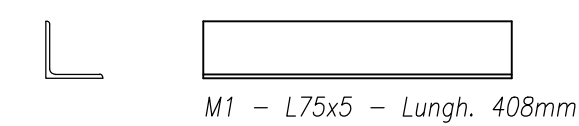
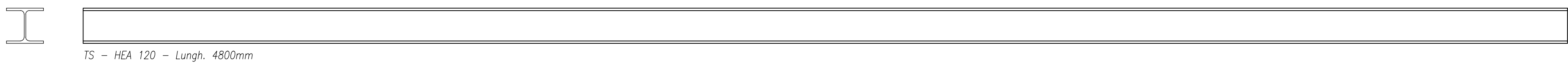
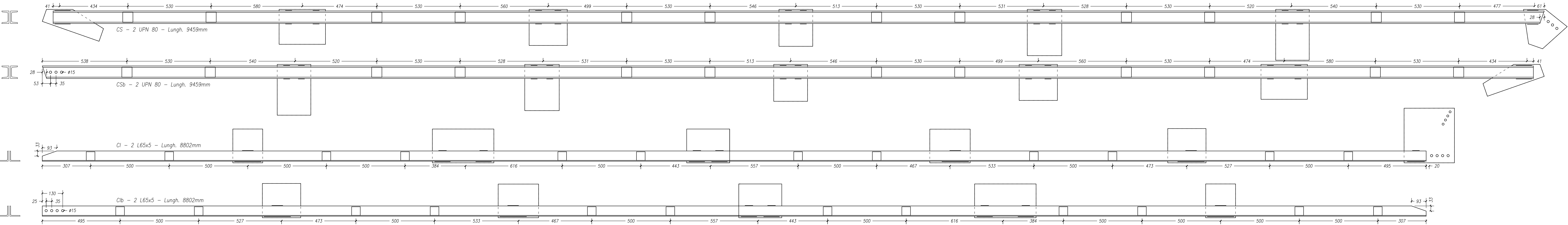
Pianta copertura
1:200



Computo metrico
estimativo per
l'intera copertura

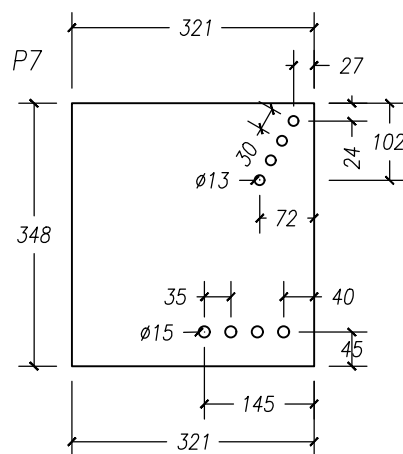
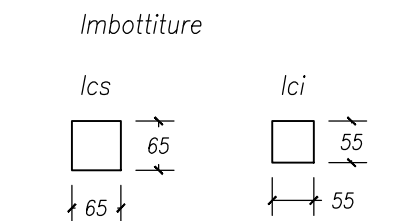
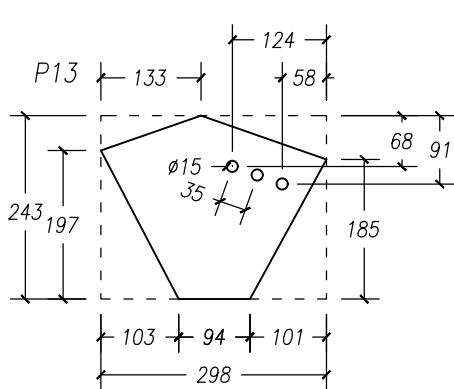
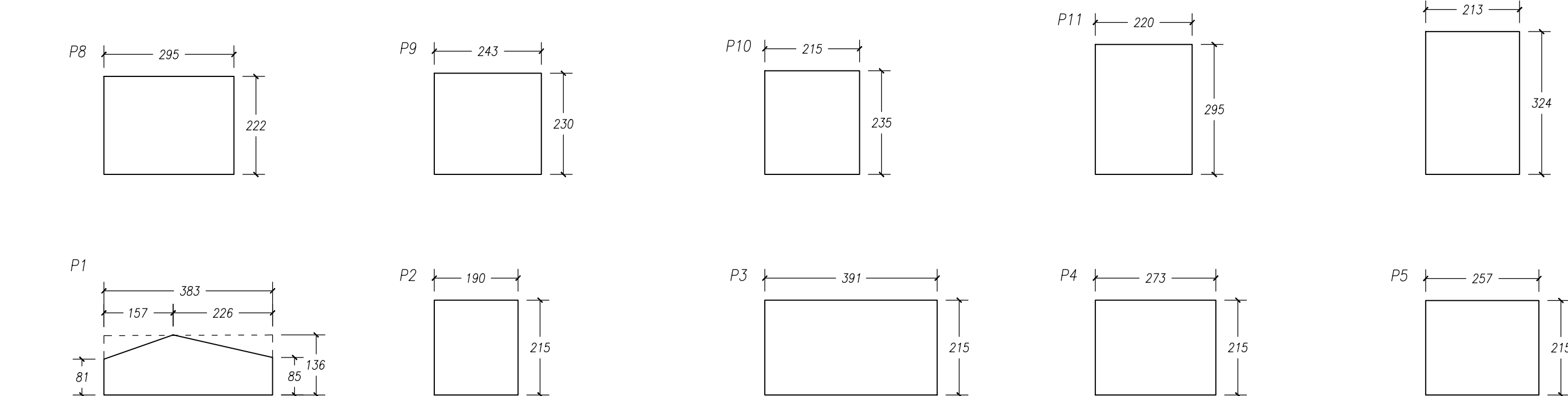
Marca aste	Tipo	Peso unitario [kg/m]	Lunghezza [m]	Peso [kg]	Numero pezzi	Peso totale [kg]	Marca piatt e imbottiture	Peso unitario [kg/mq]	Superficie [mq]	Peso [kg]	Numero pezzi	Peso totale [kg]	
TS	HEA 120	19,90	4,80	95,52	72	6877,44	P1	78,50	0,042	3,30		39,56	
CS	2 UPN 80	17,30	9,48	164,07		1968,88	P2		0,041	3,22		38,62	
CI	2 L65x5	4,97	8,80	43,75		524,95	P3		0,084	6,59		79,13	
M1	L 75x5	5,78	0,41	2,36		28,30	P4		0,059	4,63		55,58	
M2			0,93	5,39		64,71	P5		0,055	4,32	51,81		
M3			1,46	8,43		101,13	P6		0,053	4,16	49,93		
M4			1,98	11,44		137,33	P8		0,066	5,18	62,17		
M5			2,51	14,51		174,09	P9		0,056	4,40	52,75		
M6			3,03	17,53		210,37	P10		0,050	3,93	47,10		
D1	L 70x5	5,37	1,25	6,73	12	80,74	P11		0,065	5,10	61,23		
D2			1,61	8,65			103,81		P12	0,069	5,42	65,00	
D3			2,00	10,74			128,88		P7	0,112	8,79	52,75	
D4			2,39	12,83			154,01		P13	0,096	7,54	45,22	
D5			2,78	14,93		6	89,57		Ics	0,004	0,33	144	47,48
DSb			2,74	14,73					88,38	Ici	0,003		0,24
Peso totale delle aste						10732,60	Peso totale delle piastre						782,24

Abaco delle aste 1.10



Abaco delle piastre 1:10

Spessore dei piatti 10mm



Cordone di saldatura 1:1

1 mm



UNIVERSITA' degli STUDI di CATANIA
DIPARTIMENTO di ING. CIVILE E ARCHITETTURA
C.D.L. in ING. EDILE - ARCHITETTURA

CORSO DI TECNICA DELLE COSTRUZIONI
A.A.2019 / 20
Prof. Ing.Edoardo Michele Marino
Ing.Francesca Barbagallo

PROGETTO DI UN CAPANNONE IN ACCIAIO

TAVOLA 1
assemblaggio della trave reticolare in officina

Schema trave	1:100
Pianta copertura	1:100
Computo metrico estimativo	
Abaco delle aste	1:10
Abaco dei piatti	1:10
Cordone di saldatura	1:1

MATERIALI UTILIZZATI

ACCIAIO S235

REVISORI Prof. Ing. Edoardo Michele Marino Ing. Francesca Barbagallo	ALLIEVI Francesco Lomeo Giovanni Terranova
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Dettagli 1:5

Nodo 8

Nodo 9

Nodo 10

Nodo 11

Nodo 12

Nodo 1

Nodo 2

Nodo 3

Nodo 4

Nodo 5

Nodo 6

[illegible]

The drawing illustrates a roof truss system. The plan view at the top shows a series of parallel roof lines with a pitch of 15.89%. Key points are labeled P10, P11, and P12. Dimensions include 95.35, 1589, and 1500. A section view below shows the truss structure with vertical and diagonal members. Points P4, P5, P6, and P7 are marked at the base of the vertical members. Dimensions for the section view include 1831, 1575, 2175, 2100, 2581, 2625, 3023, and 3150. Material specifications include 'CS 2 UPN 80' for the roof purlins, 'D2 L70x5', 'D3 L70x5', 'D4 L70x5', and 'D5 L70x5' for the diagonal bracing, 'M3 L75x5', 'M4 L75x5', 'M5 L75x5', and 'M6 L75x5' for the vertical members, and 'CI 2 L65x5' and 'CI 2 L65x5' for the base connections. A scale of 1:50 is indicated at the bottom right.

 UNIVERSITA' degli STUDI di CATANIA DIPARTIMENTO di ING. CIVILE E ARCHITETTURA C.D.L. in ING. EDILE - ARCHITETTURA	
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PROGETTO DI UN CAPANNONE IN ACCIAIO	
TAVOLA 2 assemblaggio della trave reticolare in officina	
Dettagli	1:5
Codone di saldatura	1:1
Trave reticolare	1:10
MATERIALI UTILIZZATI ACCIAIO S235 BULLONI M14 classe 6.8	
REVISORI Prof. Ing. Edoardo Michele Marino	ALLIEVI Francesco Lomeo