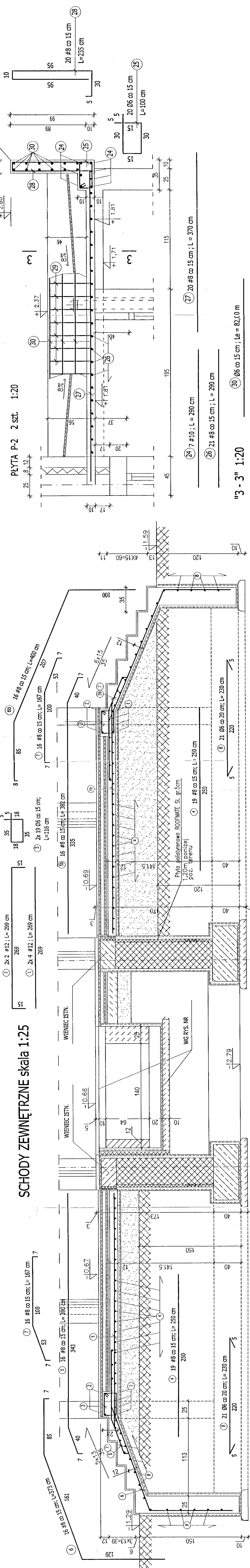
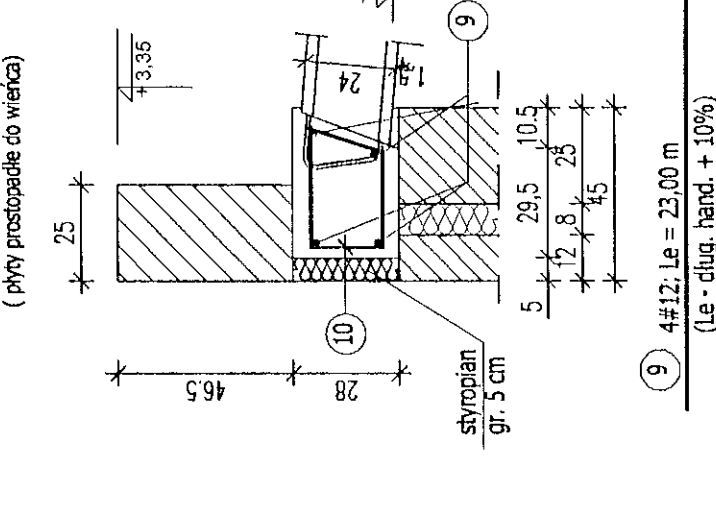


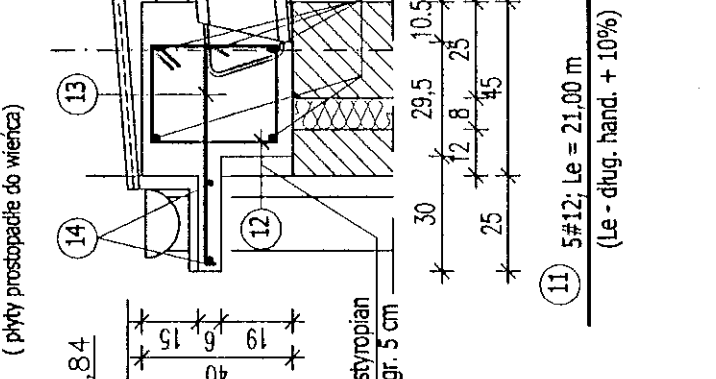
SCHODY ZEWNĘTRZNE skala 1:25



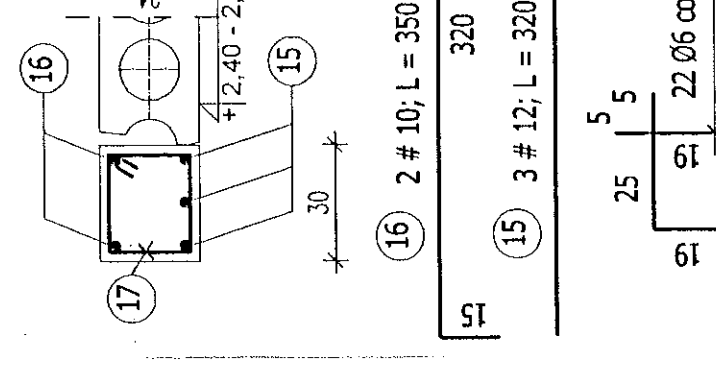
Wieniec W-1/1 1:20



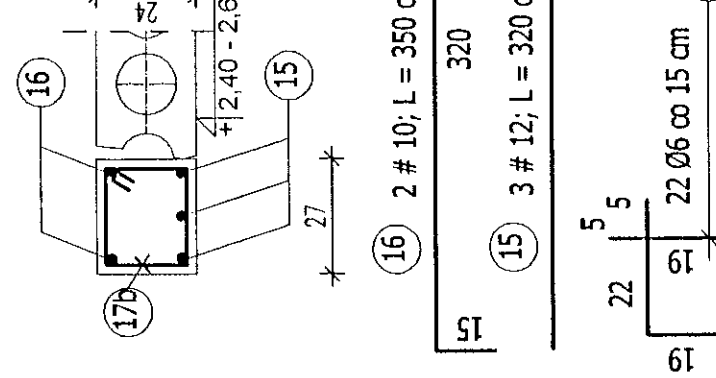
Wieniec W-1.1/1 1:20



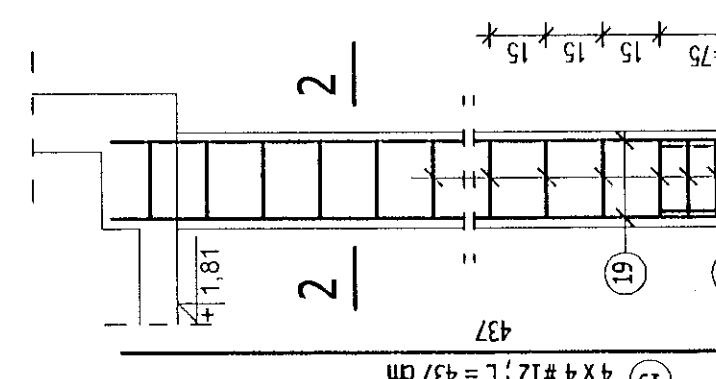
Wylewka Wz-1 1:20



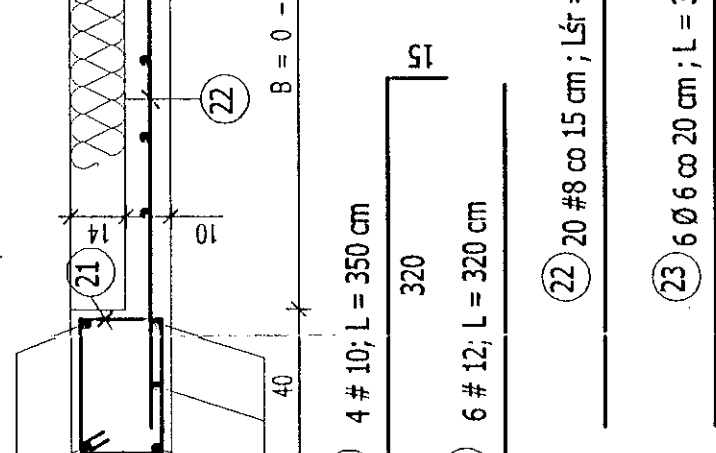
Wylewka Wz-2 1:20



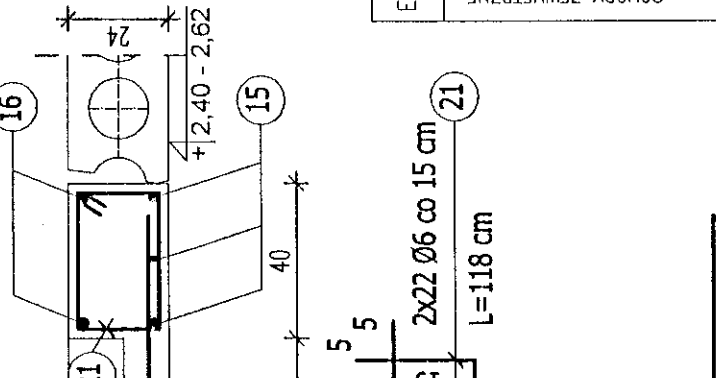
SLUP S-1 szt. 4 1:20



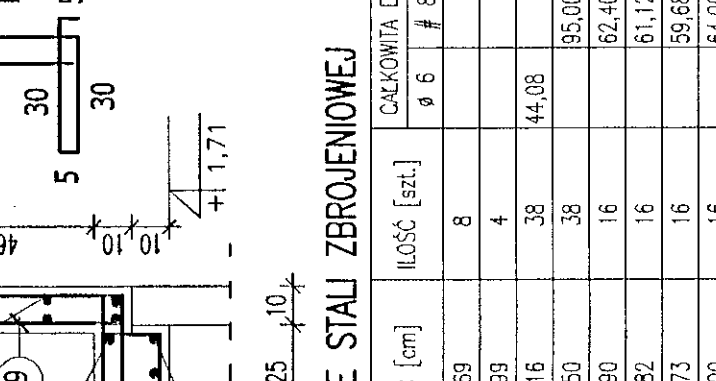
Płyta P-1 1 szt. 1:20



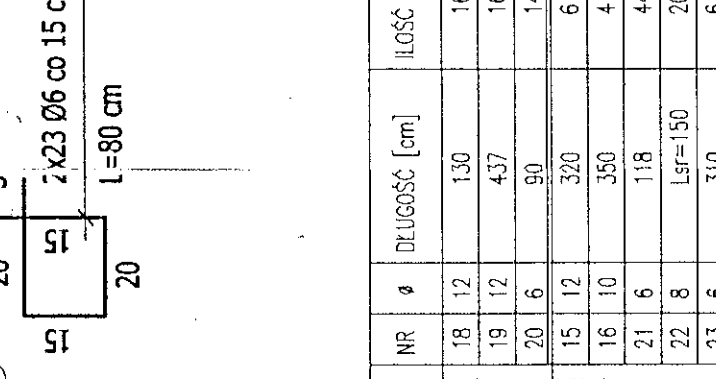
Płyta P-2 2 szt. 1:20



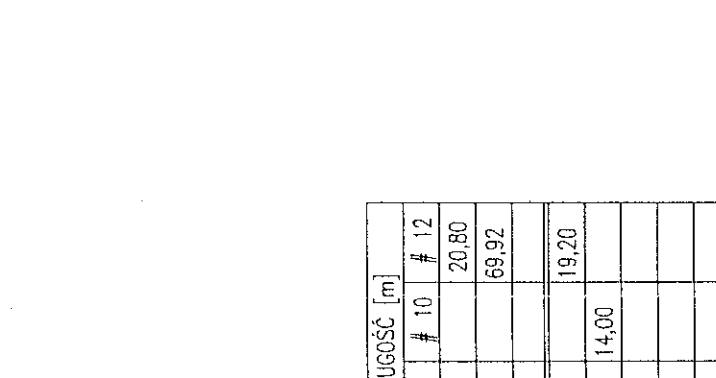
"3 - 3" 1:20



"3 - 3" 1:20



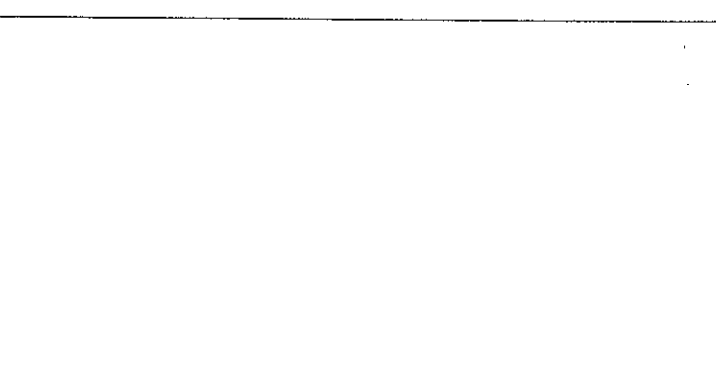
Wieniec Wz-1 1:20



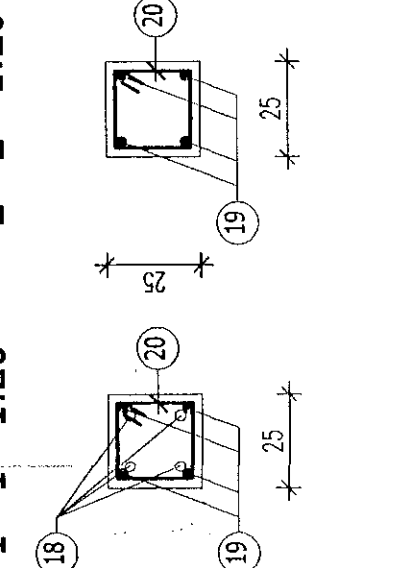
Wieniec Wz-2 1:20



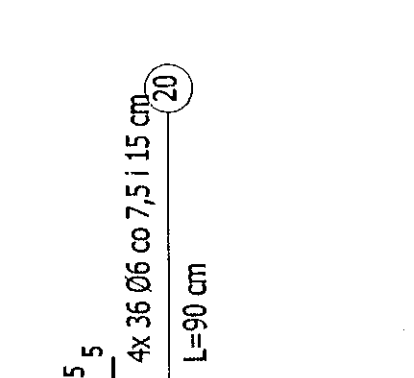
Wieniec Wz-3 1:20



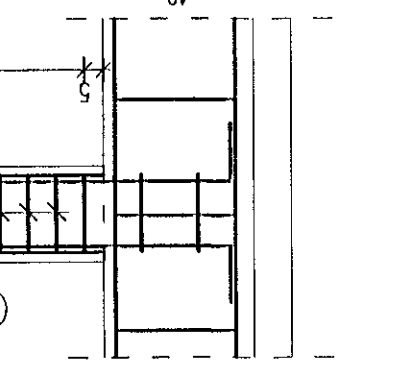
"1 - 1" 1:20



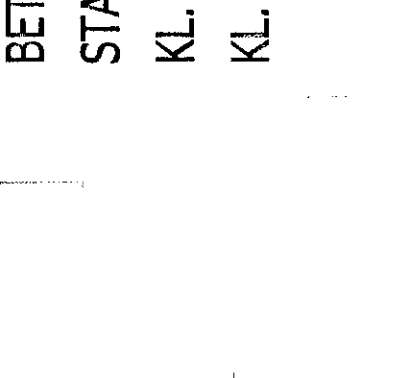
"2 - 2" 1:20



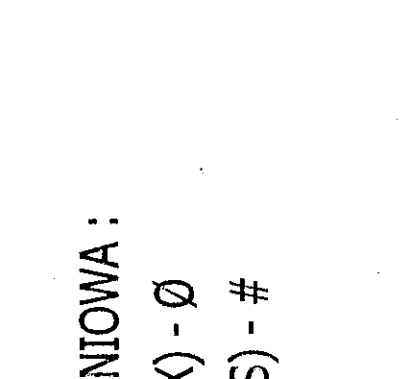
"3 - 3" 1:20



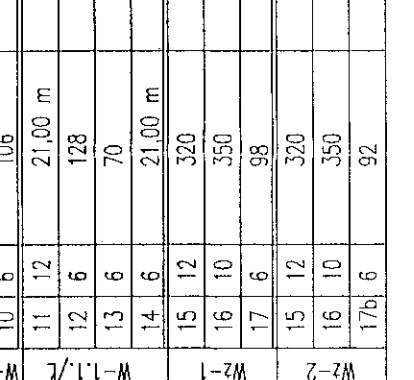
"4 - 4" 1:20



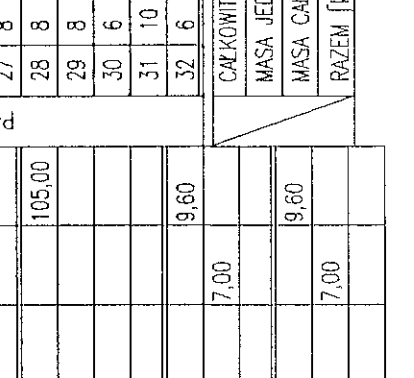
"5 - 5" 1:20



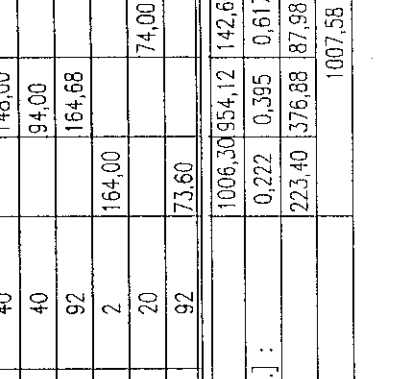
"6 - 6" 1:20



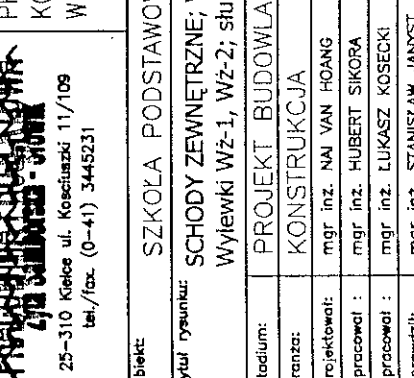
"7 - 7" 1:20



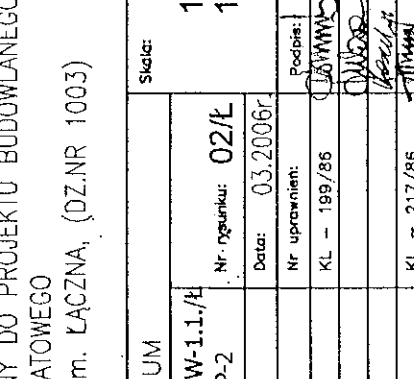
"8 - 8" 1:20



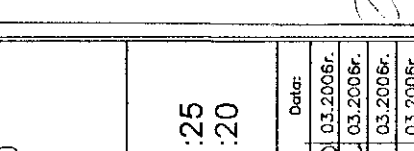
"9 - 9" 1:20



"10 - 10" 1:20



"11 - 11" 1:20



PRACOWNIA PROJEKTOWA 25-10 Katedra Inżynierii Budowlanej Instytut Inżynierii Budowlanej ul. Piłsudskiego 10/109 00-640 Warszawa (0-21) 4443231		Tytuł projektu PROJEKT ZAMIENNY DO PROJEKTU BUDOWLANEGO KOMPLEKSU OSWATOWEGO W KAMIONKACH gm. ŁACZNA, (DZ.NR 1003)		Skala: 1:25 1:20	
Obiekt:	SZKOŁA PODSTAWOWA Z GIMNAZJUM	Typ budynku:	SCHODY ZEWNĘTRZNE, WIENIEC W-1/1, W-1.1/1	Nr projektu:	02/16
Stadium:	PROJEKT BUDOWLANY	Data:	03.2006r.	Nr uprzedni:	
Strona:	KONSTRUKCJA	Nr uprzedni:		Nr uprzedni:	
Projektant:	mgr inż. M. VAN ROOIJ	KL - 197/95			
Opisany:	mgr inż. HUBERT KOSCIK	KL - 197/95			
Wykonany:	mgr inż. LUKASZ KOSCIK	KL - 197/95			
Weryfikacja:	mgr inż. STANISŁAW JANUSZ	KL - 217/95			

ZESTAWIENIE STALI ZBRONIOWEJ

SCHODY ZEWNĘTRZNE											
EL	NR	Ø	DŁUGOŚĆ [cm]	ILUŚĆ [szt.]	CAŁKOWITA DŁUGOŚĆ [m]	EL	NR	Ø	DŁUGOŚĆ [cm]	ILUŚĆ [szt.]	CAŁKOWITA DŁUGOŚĆ [m]
1	12	269	8	8	21,52	18	12	130	16	20,80	
2	12	299	4	4	11,96	19	12	437	16	69,92	
3	6	116	38	38	44,08	20	6	90	144	129,60	
4	8	250	38	38	95,00	21	12	320	6	19,20	
5	8	390	16	16	62,40	22	10	350	4	14,00	
6	8	382	16	16	61,12	23	16	118	44	51,92	
7	8	373	16	16	59,68	24	8	150	20	30,00	
8	8	400	16	16	64,00	25	6	310	6	18,60	
9	8	167	32	32	53,44	26	10	290	14	40,60	
10	6	230	42	42	96,60	27	6	100	40	40,00	
11	6	106	93	93	96,56	28	8	280	42	117,60	
12	6	128	5	5	105,00	29	8	370	40	146,80	
13	6	128	84	84	107,52	30	8	235	40	94,00	
14	6	70	140	140	98,00	31	8	179	92	164,68	
15	12	320	2	2	42,00	32	6	82,00	2	164,00	
16	10	350	3	3	9,60	33	6	370	20	74,00	
17	6	98	22	22	21,56	34	6	80	92	73,60	
18	10	350	2	2	7,00	35	6	100	40	40,00	
19	12	320	3	3	9,60	36	6	100	40	40,00	
20	10	350	2	2	7,00	37	6	100	40	40,00	
21	12	320	3	3	9,60	38	6	100	40	40,00	
22	10	350	2	2	7,00	39	6	100	40	40,00	
23	12	320	3	3	9,60	40	6	100	40	40,00	
24	10	350	2	2	7,00	41	6	100	40	40,00	
25	12	320	3	3	9,60	42	6	100	40	40,00	
26	10	350	2	2	7,00	43	6	100	40	40,00	
27	12	320	3	3	9,60	44	6	100	40	40,00	
28	10	350	2	2	7,00	45	6	100	40	40,00	
29	12	320	3	3	9,60	46	6	100	40	40,00	
30	10	350	2	2	7,00	47	6	100	40	40,00	
31	12	320	3	3	9,60	48	6	100	40	40,00	
32	10	350	2	2	7,00	49	6	100	40	40,00	
33	12	320	3	3	9,60	50	6	100	40	40,00	
34	10	350	2	2	7,00	51	6	100	40	40,00	
35	12	320	3	3	9,60	52	6	100	40	40,00	
36	10	350	2	2	7,00	53	6	100	40	40,00	
37	12	320	3	3	9,60	54	6	100	40	40,00	
38	10	350	2	2	7,00	55	6	100	40	40,00	
39	12	320	3	3	9,60	56	6	100	40	40,00	
40	10	350	2	2	7,00	57	6	100	40	40,00	
41	12	320	3	3	9,60	58	6	100	40	40,00	
42	10	350	2	2	7,00	59	6	100	40	40,00	
43	12	320	3	3	9,60	60	6	100	40	40,00	
44	10	350	2	2	7,00	61	6	100	40	40,00	
45	12	320	3	3	9,60	62	6	100	40	40,00	
46	10	350	2	2	7,00	63	6	100	40	40,00	
47	12	320	3	3	9,60	64	6	100	40	40,00	
48	10	350	2	2	7,00	65	6	100	40	40,00	
49	12	320	3	3	9,60	66	6	100	40	40,00	
50	10	350	2	2	7,00	67	6	100	40	40,00	
51	12	320	3	3	9,60	68	6	100	40	40,00	
52	10	350	2	2	7,00	69	6	100	40	40,00	
53	12	320	3	3	9,60	70	6	100	40	40,00	
54	10	350	2	2	7,00	71	6	100	40	40,00	
55	12	320	3	3	9,60	72	6	100	40	40,00	
56	10	350	2	2	7,00	73	6	100	40	40,00	
57	12	320	3	3	9,60	74	6	100	40	40,00	
58	10	350	2	2	7,00	75	6	100	40	40,00	
59	12	320	3	3	9,60	76	6	100	40	40,00	
60	10	350	2	2	7,00	77	6	100	40	40,00	
61	12	320	3	3	9,60	78	6	100	40	40,00	
62	10	350	2	2	7,00	79	6	100	40	40,00	
63	12	320	3	3	9,60	80	6	100	40	40,00	
64	10	350	2	2	7,00	81	6	100	40	40,00	
65	12	320	3	3	9,60	82	6	100	40	40,00	
66	10	350	2	2	7,00	83	6	100	40	40,00	
67	12	320	3	3	9,60	84	6	100	40	40,00	
68	10	350	2	2	7,00	85	6	100	40	40,00	
69	12	320	3	3	9,60	86	6	100	40	40,00	
70	10	350	2	2	7,00	87	6	100	40	40,00	
71	12	320	3	3	9,60	88	6	100	40	40,00	
72	10	350	2	2	7,00	89	6	100	40	40,00	
73	12	320	3	3	9,60	90	6	100	40	40,00	
74	10	350	2	2	7,00	91	6	100	40	40,00	
75	12	320	3	3	9,60	92	6	100	40	40,00	
76	10	350	2	2	7,00	93	6	100	40	40,00	
77	12	320	3	3	9,60	94	6	100	40	40,00	
78	10	350	2	2	7,00	95	6	100	40	40,00	
79	12	320	3	3	9,60	96	6	100	40	40,00	
80	10	350	2	2	7,00	97	6	100	40	40,00	
81	12	320	3	3	9,60	98	6	100	40	40,00	
82	10	350	2	2	7,00	99	6	100	40	40,00	
83	12	320	3	3	9,60	100	6	100	40	40,00	
RAZEM [kg]:											
MASA JEDN. [kg/m]											
0,222 0,395 0,617 0,988											
MASA CAŁKOWITA [kg]:											
223-40 376-68 67-98 316-32											
1007-58											