

Projekt: 2007-052 wydział Biologii Uniwersytetu Gdańskiego

/ K-008

### Dane projektu

Tytuł : wydział Biologii Uniwersytetu Gdańskiego  
Element : Ściany poz. P0 w osiach 14-16/P"-W  
Inwestor : Uniwersytet Gdański, 80-952 Gdańsk ul. Jana Bażyńskiego 1A  
Rys nr : K-008  
Data : 27.02.2008

### WYKAZ STALI ZBROJENIOWEJ klasa stali: BST 500 SA

Poz.	Nr	d	Długość	całk.dł	masa(kg)
1	8	14	5.90	47.20	57.112
2	8	14	4.85	38.80	46.948
3	88	12	5.50	484.00	429.792
4	8	14	4.10	32.80	39.688
5	10	14	5.20	52.00	62.920
6	44	12	4.85	213.40	189.499
7	56	12	4.10	229.60	203.885
8	225	12	4.80	1080.00	959.040
9	206	12	1.40	288.40	256.099
10	22	14	1.70	37.40	45.254
11	8	16	3.90	31.20	49.296
12	154	10	2.40	369.60	228.043
13	301	10	1.60	481.60	297.147
14	8	16	7.90	63.20	99.856
15	76	10	6.50	494.00	304.798
16	2	10	2.00	4.00	2.468
17	14	10	1.12	15.68	9.675
18	14	12	2.10	29.40	26.107
19	8	14	3.40	27.20	32.912
20	6	10	3.20	19.20	11.846
21	30	10	2.95	88.50	54.604
22	129	10	1.30	167.70	103.471
23	5	14	2.10	10.50	12.705
24	8	16	4.10	32.80	51.824
25	68	10	2.60	176.80	109.086
26	18	12	1.10	19.80	17.582
27	18	12	1.90	34.20	30.370
28	16	10	1.46	23.36	14.413
29	16	10	2.10	33.60	20.731
30	9	14	2.20	19.80	23.958
31	26	12	4.15	107.90	95.815
32	14	12	1.45	20.30	18.026
33	12	16	4.30	51.60	81.528
34	5	14	2.10	10.50	12.705
35	24	10	2.80	67.20	41.462
36	38	10	1.60	60.80	37.514
37	15	10	1.12	16.80	10.366
38	94	12	3.80	357.20	317.194
39	4	14	3.40	13.60	16.456
40	4	14	1.60	6.40	7.744
41	14	12	1.40	19.60	17.405
42	4	16	12.00	48.00	75.840
43	4	16	6.70	26.80	42.344
44	4	14	2.20	8.80	10.648
45	32	10	3.50	112.00	69.104
46	4	10	2.10	8.40	5.183
47	48	10	5.80	278.40	171.773
48	64	10	4.70	300.80	185.594
49	4	10	2.30	9.20	5.676
50	20	12	2.80	56.00	49.728
51	9	12	4.80	43.20	38.362
52	26	12	4.80	124.80	110.822
53	4	14	2.90	11.60	14.036
54	4	12	4.60	18.40	16.339
55	59	12	2.00	118.00	104.784
56	4	12	4.60	18.40	16.339
57	54	12	3.20	172.80	153.446
58	6	12	4.50	27.00	23.976
59	6	12	4.50	27.00	23.976
60	3	12	4.90	14.70	13.054
61	3	12	4.90	14.70	13.054
62	20	12	3.30	66.00	58.608

Projekt: 2007-052 wydział Biologii Uniwersytetu Gdańskiego

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**WYKAZ STALI ZBROJENIOWEJ klasa stali: BST 500 SA**

Poz.	Nr	d	Długość	całk.dł	masa(kg)
63	6	12	3.00	18.00	15.984
64	2	14	2.40	4.80	5.808
65	16	16	4.40	70.40	111.232
66	4	10	5.55	22.20	13.697
67	8	10	3.30	26.40	16.289
68	2	14	2.50	5.00	6.050
69	8	10	3.20	25.60	15.795
70	38	10	4.20	159.60	98.473
71	4	10	5.30	21.20	13.080
72	84	10	6.40	537.60	331.699
73	4	14	6.10	24.40	29.524
74	8	10	2.40	19.20	11.846
75	4	10	1.70	6.80	4.196
76	453	6	0.27	122.31	27.153
77	3	6	0.25	0.75	0.167
78	4	14	3.50	14.00	16.940

Całk. ilość stali	d(mm)	całk.dł	kg/m	masa(kg)
6	123.06	0.222	27.319	
10	3546.24	0.617	2188.030	
12	3602.80	0.888	3199.286	
14	364.80	1.210	441.408	
16	324.00	1.580	511.920	
masa całk. (kg)				6367.963

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### Dane projektu

Tytuł : wydział Biologii Uniwersytetu Gdańskiego  
Element : Ściany poz. P0 w osiach 14-16/P"-W  
Inwestor : Uniwersytet Gdański, 80-952 Gdańsk ul. Jana Bażyńskiego 1A  
Rys nr : K-008  
Data : 27.02.2008

### ELEMENTY DO WBUDOWANIA

pręt nr:	ilość	jednostka	opis	materiał	Bestellnummer
1	8	mb	HBT150-Ř12/15,Typ5	BSt500S	
2	1	mb	HBT120-Ř10/15,Typ5	BSt500S	

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**Dane projektu**

Tytuł : wydział Biologii Uniwersytetu Gdańskiego

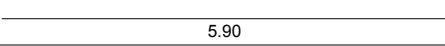
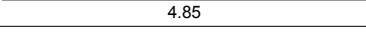
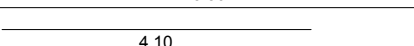
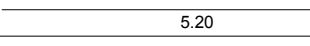
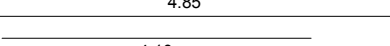
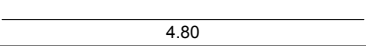
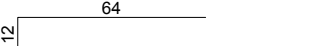
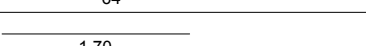
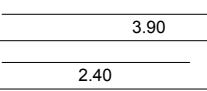
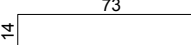


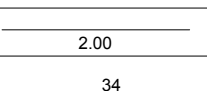


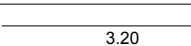
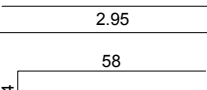
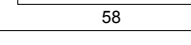
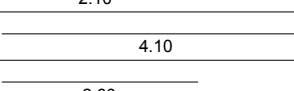

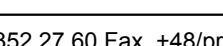

Element : Ściany poz. P0 w osiach 14-16/P"-W

Inwestor : Uniwersytet Gdański, 80-952 Gdańsk ul. Jana Bażyńskiego 1A

Rys nr : K-008

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**WYKAZ FORM GIĘCIA PRĘTÓW ZBROJ. Klasa stali: BST 500 SA**

Poz.	szt.	d	długość	db ds	typ	forma gięcia	suma dł.	ciężar kg
1	8	14	5.90		A1		47.20	57.112
2	8	14	4.85		A1		38.80	46.948
3	88	12	5.50		A1		484.00	429.792
4	8	14	4.10		A1		32.80	39.688
5	10	14	5.20		A1		52.00	62.920
6	44	12	4.85		A1		213.40	189.499
7	56	12	4.10		A1		229.60	203.885
8	225	12	4.80		A1		1080.00	959.040
9	206	12	1.40		A3		288.40	256.099
10	22	14	1.70		A1		37.40	45.254
11	8	16	3.90		A1		31.20	49.296
12	154	10	2.40		A1		369.60	228.043
13	301	10	1.60		A3		481.60	297.147
14	8	16	7.90		A2		63.20	99.856
15	76	10	6.50		A1		494.00	304.798
16	2	10	2.00		A1		4.00	2.468
17	14	10	1.12		B2	 kąt 0 stopni	15.68	9.675
18	14	12	2.10		A1		29.40	26.107
19	8	14	3.40		A2		27.20	32.912
20	6	10	3.20		A1		19.20	11.846
21	30	10	2.95		A1		88.50	54.604
22	129	10	1.30		A3		167.70	103.471
23	5	14	2.10		A1		10.50	12.705
24	8	16	4.10		A1		32.80	51.824
25	68	10	2.60		A1		176.80	109.086

Projekt: 2007-052 wydział Biologii Uniwersytetu Gdańskiego

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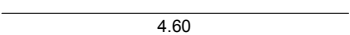
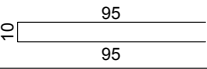
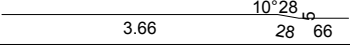
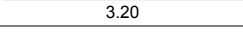
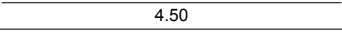
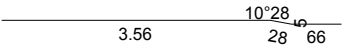
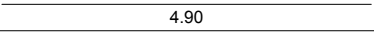
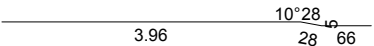
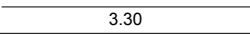
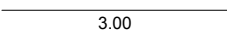
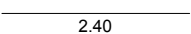
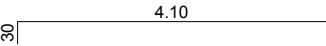
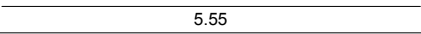
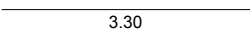
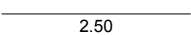
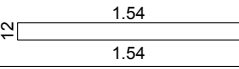
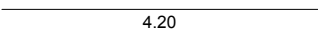
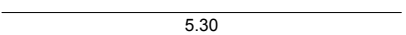
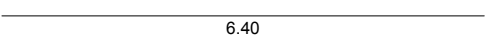
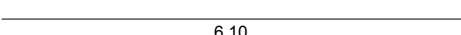
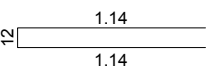
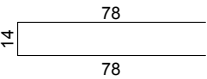
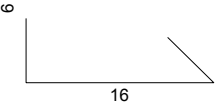
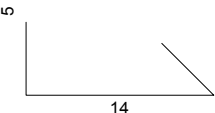
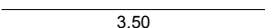
## WYKAZ FORM GIĘCIA PRĘTÓW ZBROJ. Klasa stali: BST 500 SA

Poz.	szt.	d	długość	dbr ds	typ	forma gięcia	suma dł.	ciężar kg
26	18	12	1.10		A1	1.10	19.80	17.582
27	18	12	1.90		A1	1.90	34.20	30.370
28	16	10	1.46		B2	<div> <div> <div>14</div> <div>46</div> <div>13</div> </div> <div> <div>14</div> <div>13</div> </div> </div>	23.36	14.413
29	16	10	2.10		A3	<div> <div>14</div> <div>98</div> <div>98</div> </div>	33.60	20.731
30	9	14	2.20		A1	2.20	19.80	23.958
31	26	12	4.15		A1	4.15	107.90	95.815
32	14	12	1.45		A1	1.45	20.30	18.026
33	12	16	4.30		A1	4.30	51.60	81.528
34	5	14	2.10		A2	<div> <div>30</div> <div>1.80</div> </div>	10.50	12.705
35	24	10	2.80		A1	2.80	67.20	41.462
36	38	10	1.60		A1	1.60	60.80	37.514
37	15	10	1.12		B2	<div> <div>14</div> <div>29</div> <div>13</div> </div>	16.80	10.366
38	94	12	3.80		A1	3.80	357.20	317.194
39	4	14	3.40		A2	<div> <div>50</div> <div>2.90</div> </div>	13.60	16.456
40	4	14	1.60		A1	1.60	6.40	7.744
41	14	12	1.40		A1	1.40	19.60	17.405
42	4	16	12.00		A1	12.00	48.00	75.840
43	4	16	6.70		A1	6.70	26.80	42.344
44	4	14	2.20		A2	<div> <div>50</div> <div>1.70</div> </div>	8.80	10.648
45	32	10	3.50		A1	3.50	112.00	69.104
46	4	10	2.10		A1	2.10	8.40	5.183
47	48	10	5.80		A1	5.80	278.40	171.773
48	64	10	4.70		A1	4.70	300.80	185.594
49	4	10	2.30		A1	2.30	9.20	5.676
50	20	12	2.80		A1	2.80	56.00	49.728
51	9	12	4.80		C2	<div> <div>14°20'</div> <div>2.66</div> <div>21</div> <div>1.92</div> </div>	43.20	38.362
52	26	12	4.80		C2	<div> <div>10°28'</div> <div>3.86</div> <div>28</div> <div>66</div> </div>	124.80	110.822
53	4	14	2.90		A1	2.90	11.60	14.036

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Poz.	szt.	d	długość	dbr ds	typ	forma gięcia	suma dł.	ciężar kg
54	4	12	4.60		A1		18.40	16.339
55	59	12	2.00		A3		118.00	104.784
56	4	12	4.60		C2		18.40	16.339
57	54	12	3.20		A1		172.80	153.446
58	6	12	4.50		A1		27.00	23.976
59	6	12	4.50		C2		27.00	23.976
60	3	12	4.90		A1		14.70	13.054
61	3	12	4.90		C2		14.70	13.054
62	20	12	3.30		A1		66.00	58.608
63	6	12	3.00		A1		18.00	15.984
64	2	14	2.40		A1		4.80	5.808
65	16	16	4.40		A2		70.40	111.232
66	4	10	5.55		A1		22.20	13.697
67	8	10	3.30		A1		26.40	16.289
68	2	14	2.50		A1		5.00	6.050
69	8	10	3.20		A3		25.60	15.795
70	38	10	4.20		A1		159.60	98.473
71	4	10	5.30		A1		21.20	13.080
72	84	10	6.40		A1		537.60	331.699
73	4	14	6.10		A1		24.40	29.524
74	8	10	2.40		A3		19.20	11.846
75	4	10	1.70		A3		6.80	4.196
76	453	6	0.27		D1		122.31	27.153
77	3	6	0.25		D1		0.75	0.167
78	4	14	3.50		A1		14.00	16.940

masa całkowita (kg) 6367.964