

Projekt: 2007-052 wydział Biologii Uniwersytetu Gdańskiego

/ K-409

### Dane projektu

Tytuł : wydział Biologii Uniwersytetu Gdańskiego  
Element : Ściany poz. P4 w osiach M-I/3-7  
Inwestor : Uniwersytet Gdański, 80-952 Gdańsk ul. Jana Bażyńskiego 1A  
Rys nr : K-409  
Data : 28.03.2008

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

Poz.	Nr	d	Długość	całk.dł	masa(kg)
1	336	6	0.27	90.72	20.140
2	17	10	1.72	29.24	18.041
3	4	12	9.20	36.80	32.678
4	3	14	2.25	6.75	8.168
5	3	14	2.30	6.90	8.349
6	260	12	4.70	1222.00	1085.136
7	16	10	1.76	28.16	17.375
8	4	14	3.20	12.80	15.488
9	19	10	1.90	36.10	22.274
10	108	10	1.35	145.80	89.959
11	20	10	2.35	47.00	28.999
12	148	10	1.50	222.00	136.974
13	17	10	1.60	27.20	16.782
14	28	14	4.00	112.00	135.520
15	52	10	2.00	104.00	64.168
16	2	12	2.40	4.80	4.262
17	3	14	2.60	7.80	9.438
18	11	10	3.15	34.65	21.379
19	16	10	2.36	37.76	23.298
20	44	10	3.00	132.00	81.444
21	4	14	4.60	18.40	22.264
22	38	10	5.00	190.00	117.230
23	52	10	2.10	109.20	67.376
24	26	10	1.48	38.48	23.742
25	221	10	1.55	342.55	211.353
26	12	14	5.20	62.40	75.504
27	12	14	2.80	33.60	40.656
28	16	10	0.86	13.76	8.490
29	32	10	1.90	60.80	37.514
30	12	14	9.30	111.60	135.036
31	66	10	4.70	310.20	191.393
32	118	10	6.50	767.00	473.239
33	0	14	4.50	0.00	0.000
34	46	10	3.70	170.20	105.013
35	14	10	2.55	35.70	22.027
36	2	12	2.80	5.60	4.973
37	156	12	4.00	624.00	554.112
38	283	10	2.15	608.45	375.414
39	8	14	5.10	40.80	49.368
40	4	12	5.20	20.80	18.470
41	2	14	3.40	6.80	8.228
42	3	16	5.70	17.10	27.018
43	30	10	3.70	111.00	68.487
44	32	10	10.40	332.80	205.338
45	44	12	3.75	165.00	146.520
46	8	14	3.75	30.00	36.300
47	22	10	3.51	77.22	47.645 średnio

Całk. ilość stali d(mm)	całk.dł	kg/m	masa(kg)
6	90.72	0.222	20.140
10	4011.27	0.617	2474.954
12	2079.00	0.888	1846.152
14	449.85	1.210	544.319
16	17.10	1.580	27.018

masa całk. (kg) 4912.583


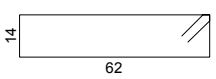
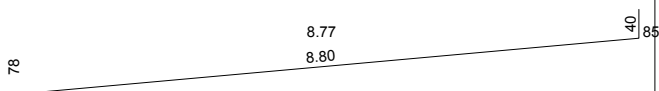

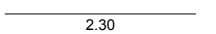
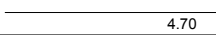
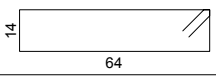
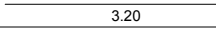
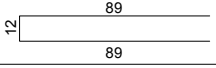
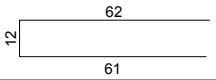
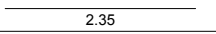
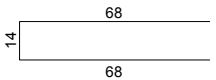
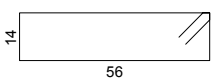

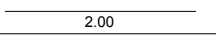
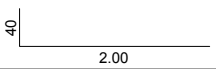
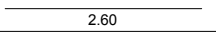
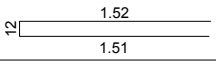
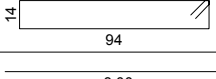

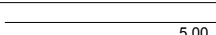
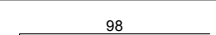
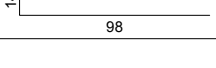
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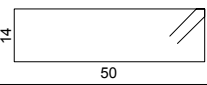
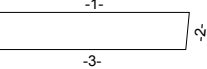
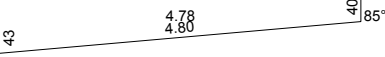
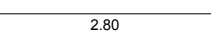
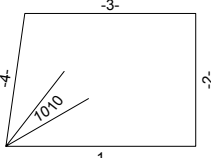
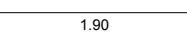
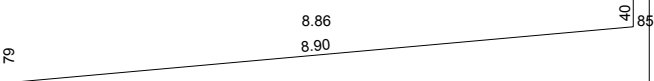
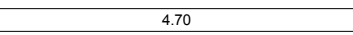
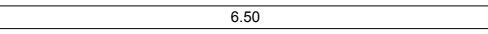
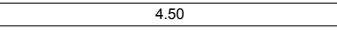
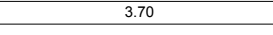
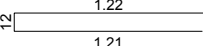
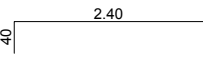
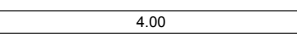
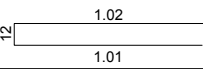
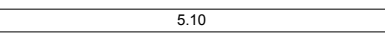
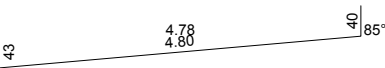
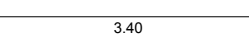
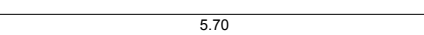
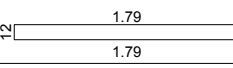
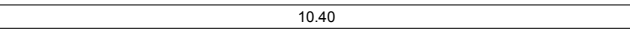
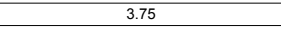
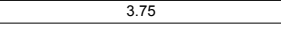
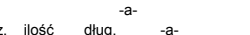
### Dane projektu

Tytuł : wydział Biologii Uniwersytetu Gdańskiego  
Element : Ściany poz. P4 w osiach M-I/3-7  
Inwestor : Uniwersytet Gdański, 80-952 Gdańsk ul. Jana Bażyńskiego 1A  
Rys nr : K-409  
Data : 28.03.2008

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

Poz.	szt.	d	długość	dbr ds	typ	forma gięcia	suma dł.	ciężar kg
1	336	6	0.27		D1		90.72	20.140
2	17	10	1.72		B1		29.24	18.041
3	4	12	9.20		C1		36.80	32.678
4	3	14	2.25		A2		6.75	8.168
5	3	14	2.30		A1		6.90	8.349
6	260	12	4.70		A1		1222.00	1085.136
7	16	10	1.76		B1		28.16	17.375
8	4	14	3.20		A1		12.80	15.488
9	19	10	1.90		A3		36.10	22.274
10	108	10	1.35		A3		145.80	89.959
11	20	10	2.35		A1		47.00	28.999
12	148	10	1.50		A3		222.00	136.974
13	17	10	1.60		B1		27.20	16.782
14	28	14	4.00		A1		112.00	135.520
15	52	10	2.00		A1		104.00	64.168
16	2	12	2.40		A2		4.80	4.262
17	3	14	2.60		A1		7.80	9.438
18	11	10	3.15		A3		34.65	21.379
19	16	10	2.36		B1		37.76	23.298
20	44	10	3.00		A1		132.00	81.444
21	4	14	4.60		A1		18.40	22.264
22	38	10	5.00		A1		190.00	117.230
23	52	10	2.10		A3		109.20	67.376

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

Poz.	szt.	d	długość	dbr ds	typ	forma gięcia	suma dł.	ciężar kg
24	26	10	1.48		B1	 dług. haków=10.0	38.48	23.742
25	221	10	1.55		X1	 Nr    dx    dy    l    >° 1    0.71    0.00    0.71    -95 2    -0.01    -0.14    0.14    -85 3    -0.70    0.00    0.70    -85	342.55	211.353
26	12	14	5.20		C1		62.40	75.504
27	12	14	2.80		A1		33.60	40.656
28	16	10	0.86		X1	 Nr    dx    dy    l    >° 1    0.20    -0.00    0.10    150 2    0.00    0.14    0.20    90 3    -0.18    0.00    0.14    90 4    -0.02    -0.14    0.18    82 5    -0.02    -0.14    0.14    150	13.76	8.490
29	32	10	1.90		A1		60.80	37.514
30	12	14	9.30		C1		111.60	135.036
31	66	10	4.70		A1		310.20	191.393
32	118	10	6.50		A1		767.00	473.239
33	0	14	4.50		A1		0.00	0.000
34	46	10	3.70		A1		170.20	105.013
35	14	10	2.55		A3		35.70	22.027
36	2	12	2.80		A2		5.60	4.973
37	156	12	4.00		A1		624.00	554.112
38	283	10	2.15		A3		608.45	375.414
39	8	14	5.10		A1		40.80	49.368
40	4	12	5.20		C1		20.80	18.470
41	2	14	3.40		A1		6.80	8.228
42	3	16	5.70		A1		17.10	27.018
43	30	10	3.70		A3		111.00	68.487
44	32	10	10.40		A1		332.80	205.338
45	44	12	3.75		A1		165.00	146.520
46	8	14	3.75		A1		30.00	36.300
47	22	10	3.51		A1		77.22	47.645

Poz. ilość    -a-  
dług.    -a-

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
47						Poz.	ilość	dług.	-a-		
						1	8	3.40	3.40		
						2	8	3.52	3.52		
						3	6	3.64	3.64		

masa całk. (kg)                    4912.582