

Projekt: 2007-052 wydział Biologii Uniwersytetu Gdańskiego

/ K-003

Dane projektu

Tytuł : wydział Biologii Uniwersytetu Gdańskiego
Element : Ściany poz. P0 w osiach 14-16/I'-M
Inwestor : Uniwersytet Gdański, 80-952 Gdańsk ul. Jana Bażyńskiego 1A
Rys nr : K-003
Data : 27.02.2008

WYKAZ STALI ZBROJENIOWEJ klasa stali: BST 500 SA

Poz.	Nr	d	Długość	całk.dł	masa(kg)
1	12	14	5.90	70.80	85.668
2	8	14	4.10	32.80	39.688
3	14	14	1.70	23.80	28.798
4	20	14	5.20	104.00	125.840
5	108	12	5.50	594.00	527.472
6	56	12	4.85	271.60	241.181
7	66	12	4.10	270.60	240.293
8	231	12	4.80	1108.80	984.614
9	182	12	1.40	254.80	226.262
10	4	16	5.60	22.40	35.392
11	4	16	10.80	43.20	68.256
12	52	10	4.10	213.20	131.544
13	413	10	1.60	660.80	407.714
14	21	10	2.08	43.68	26.951
15	52	10	9.45	491.40	303.194
16	2	10	2.00	4.00	2.468
17	21	10	1.12	23.52	14.512
18	28	12	2.10	58.80	52.214
19	12	14	3.40	40.80	49.368
20	12	16	7.90	94.80	149.784
21	4	16	3.00	12.00	18.960
22	6	10	3.20	19.20	11.846
23	24	10	6.50	156.00	96.252
24	60	10	2.95	177.00	109.209
25	92	10	2.40	220.80	136.234
26	131	10	1.30	170.30	105.075
27	10	14	2.10	21.00	25.410
28	52	10	1.50	78.00	48.126
29	10	10	1.70	17.00	10.489
30	4	16	3.90	15.60	24.648
31	94	12	3.80	357.20	317.194
32	4	14	3.40	13.60	16.456
33	14	12	1.40	19.60	17.405
34	4	16	12.00	48.00	75.840
35	4	16	6.70	26.80	42.344
36	64	10	4.70	300.80	185.594
37	30	10	1.40	42.00	25.914
38	2	10	3.90	7.80	4.813
39	18	10	5.80	104.40	64.415
40	32	10	3.50	112.00	69.104
41	8	10	2.10	16.80	10.366
42	4	14	2.20	8.80	10.648
43	15	10	1.80	27.00	16.659
44	4	16	3.50	14.00	22.120
45	52	10	1.90	98.80	60.960
46	8	14	4.85	38.80	46.948
47	18	12	1.10	19.80	17.582
48	18	12	1.90	34.20	30.370
49	4	14	3.50	14.00	16.940
50	12	16	4.30	51.60	81.528
51	5	14	2.40	12.00	14.520
52	16	10	2.60	41.60	25.667
53	5	14	2.10	10.50	12.705
54	46	10	2.80	128.80	79.470
55	15	10	1.12	16.80	10.366
56	42	10	1.60	67.20	41.462
57	20	12	2.80	56.00	49.728
58	18	12	4.80	86.40	76.723
59	7	12	4.50	31.50	27.972
60	7	12	4.50	31.50	27.972
61	40	12	3.25	130.00	115.440
62	39	12	2.00	78.00	69.264

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WYKAZ STALI ZBROJENIOWEJ klasa stali: BST 500 SA

Poz.	Nr	d	Długość	całk.dł	masa(kg)
63	14	12	2.00	28.00	24.864
64	26	12	2.20	57.20	50.794
65	20	12	3.10	62.00	55.056
66	16	12	3.90	62.40	55.411
67	4	16	3.10	12.40	19.592
68	4	10	6.10	24.40	15.055
69	12	10	4.20	50.40	31.097
70	8	10	1.60	12.80	7.898
71	38	10	3.60	136.80	84.406
72	8	10	2.50	20.00	12.340
73	4	10	5.30	21.20	13.080
74	58	10	6.30	365.40	225.452
75	4	10	1.98	7.92	4.887
76	402	6	0.27	108.54	24.096
77	49	6	0.25	12.25	2.720
78	14	12	1.45	20.30	18.026
79	24	12	4.15	99.60	88.445
80	4	14	2.50	10.00	12.100
81	4	14	2.50	10.00	12.100
82	9	12	4.80	43.20	38.362
83	4	14	2.90	11.60	14.036

Całk. ilość stali	d(mm)	całk.dł	kg/m	masa(kg)
6		120.79	0.222	26.815
10		3877.82	0.617	2392.615
12		3775.50	0.888	3352.644
14		422.50	1.210	511.225
16		340.80	1.580	538.464
masa całk. (kg)				6821.763

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Element : Ściany poz. P0 w osiach 14-16/I'-M
Inwestor : Uniwersytet Gdański, 80-952 Gdańsk ul. Jana Bażyńskiego 1A
Rys nr : K-003
Data : 27.02.2008

ELEMENTY DO WBUDOWANIA

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

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Tytuł : wydział Biologii Uniwersytetu Gdańskiego

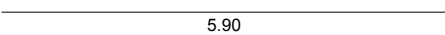
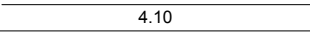
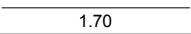
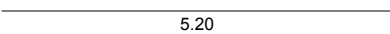
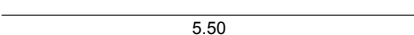
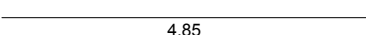
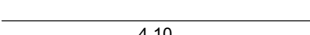
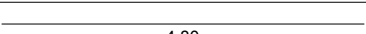
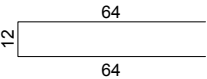
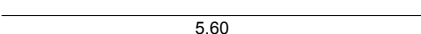
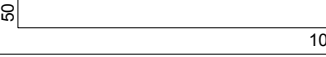
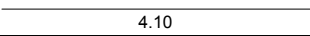
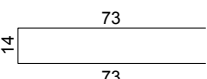
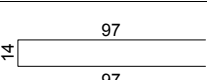
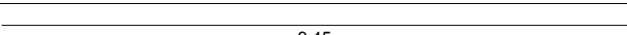
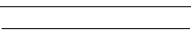
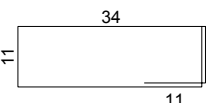
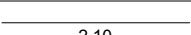
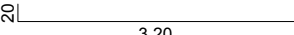
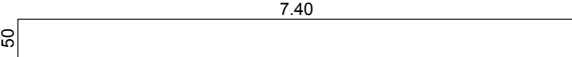
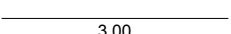
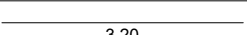
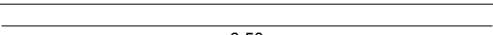

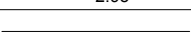
Element : Ściany poz. P0 w osiach 14-16/I'-M

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

Rys nr : K-003

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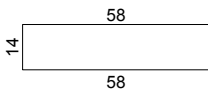
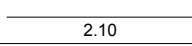
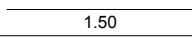
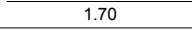
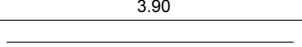
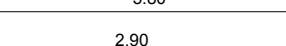

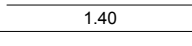
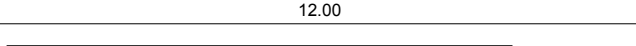
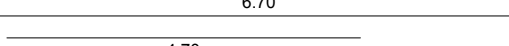
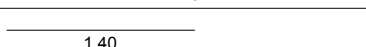

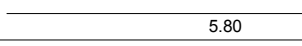
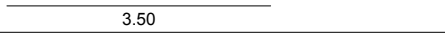
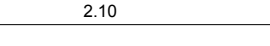

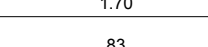
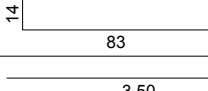
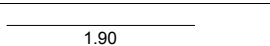
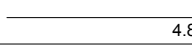
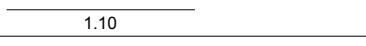
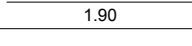
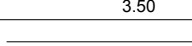
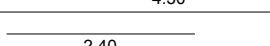


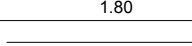
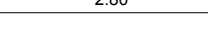

WYKAZ FORM GIĘCIA PRĘTÓW ZBROJ. Klasa stali: BST 500 SA

Poz.	szt.	d	długość	dbz ds	typ	forma gięcia	suma dł.	ciężar kg
1	12	14	5.90		A1		70.80	85.668
2	8	14	4.10		A1		32.80	39.688
3	14	14	1.70		A1		23.80	28.798
4	20	14	5.20		A1		104.00	125.840
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6	56	12	4.85		A1		271.60	241.181
7	66	12	4.10		A1		270.60	240.293
8	231	12	4.80		A1		1108.80	984.614
9	182	12	1.40		A3		254.80	226.262
10	4	16	5.60		A1		22.40	35.392
11	4	16	10.80		A2		43.20	68.256
12	52	10	4.10		A1		213.20	131.544
13	413	10	1.60		A3		660.80	407.714
14	21	10	2.08		A3		43.68	26.951
15	52	10	9.45		A1		491.40	303.194
16	2	10	2.00		A1		4.00	2.468
17	21	10	1.12		B2		23.52	14.512
18	28	12	2.10		A1		58.80	52.214
19	12	14	3.40		A2		40.80	49.368
20	12	16	7.90		A2		94.80	149.784
21	4	16	3.00		A1		12.00	18.960
22	6	10	3.20		A1		19.20	11.846
23	24	10	6.50		A1		156.00	96.252
24	60	10	2.95		A1		177.00	109.209
25	92	10	2.40		A1		220.80	136.234

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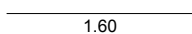
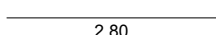
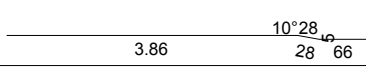
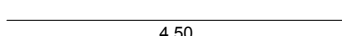
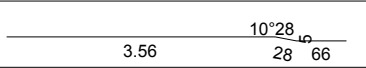
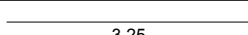
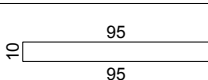
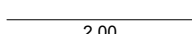
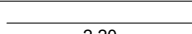
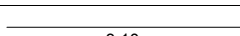
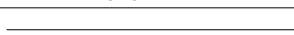


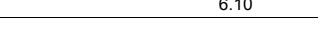
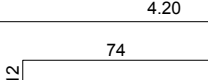
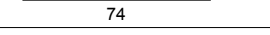



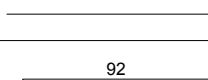
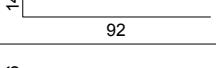



WYKAZ FORM GIĘCIA PRĘTÓW ZBROJ. Klasa stali: BST 500 SA

Poz.	szt.	d	długość	db ds	typ	forma gięcia	suma dł.	ciężar kg
26	131	10	1.30		A3		170.30	105.075
27	10	14	2.10		A1		21.00	25.410
28	52	10	1.50		A1		78.00	48.126
29	10	10	1.70		A1		17.00	10.489
30	4	16	3.90		A1		15.60	24.648
31	94	12	3.80		A1		357.20	317.194
32	4	14	3.40		A2		13.60	16.456
33	14	12	1.40		A1		19.60	17.405
34	4	16	12.00		A1		48.00	75.840
35	4	16	6.70		A1		26.80	42.344
36	64	10	4.70		A1		300.80	185.594
37	30	10	1.40		A1		42.00	25.914
38	2	10	3.90		A1		7.80	4.813
39	18	10	5.80		A1		104.40	64.415
40	32	10	3.50		A1		112.00	69.104
41	8	10	2.10		A1		16.80	10.366
42	4	14	2.20		A2		8.80	10.648
43	15	10	1.80		A3		27.00	16.659
44	4	16	3.50		A1		14.00	22.120
45	52	10	1.90		A1		98.80	60.960
46	8	14	4.85		A1		38.80	46.948
47	18	12	1.10		A1		19.80	17.582
48	18	12	1.90		A1		34.20	30.370
49	4	14	3.50		A1		14.00	16.940
50	12	16	4.30		A1		51.60	81.528
51	5	14	2.40		A1		12.00	14.520
52	16	10	2.60		A1		41.60	25.667
53	5	14	2.10		A2		10.50	12.705
54	46	10	2.80		A1		128.80	79.470

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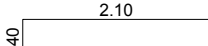
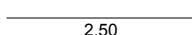
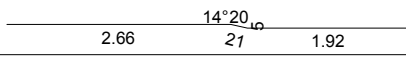
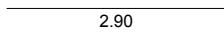
WYKAZ FORM GIĘCIA PRĘTÓW ZBROJ. Klasa stali: BST 500 SA

Poz.	szt.	d	długość	dbr ds	typ	forma gięcia	suma dł.	ciężar kg
55	15	10	1.12		B2	 kąt 0 stopni	16.80	10.366
56	42	10	1.60		A1		67.20	41.462
57	20	12	2.80		A1		56.00	49.728
58	18	12	4.80		C2		86.40	76.723
59	7	12	4.50		A1		31.50	27.972
60	7	12	4.50		C2		31.50	27.972
61	40	12	3.25		A1		130.00	115.440
62	39	12	2.00		A3		78.00	69.264
63	14	12	2.00		A1		28.00	24.864
64	26	12	2.20		A1		57.20	50.794
65	20	12	3.10		A1		62.00	55.056
66	16	12	3.90		A1		62.40	55.411
67	4	16	3.10		A1		12.40	19.592
68	4	10	6.10		A1		24.40	15.055
69	12	10	4.20		A1		50.40	31.097
70	8	10	1.60		A3		12.80	7.898
71	38	10	3.60		A1		136.80	84.406
72	8	10	2.50		A1		20.00	12.340
73	4	10	5.30		A1		21.20	13.080
74	58	10	6.30		A1		365.40	225.452
75	4	10	1.98		A3		7.92	4.887
76	402	6	0.27		D1		108.54	24.096
77	49	6	0.25		D1		12.25	2.720
78	14	12	1.45		A1		20.30	18.026
79	24	12	4.15		A1		99.60	88.445

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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
80	4	14	2.50		A2		10.00	12.100
81	4	14	2.50		A1		10.00	12.100
82	9	12	4.80		C2		43.20	38.362
83	4	14	2.90		A1		11.60	14.036

masa całkow. (kg) 6821.763