

Projekt: 2007-052 wydział Biologii Uniwersytetu Gdańskiego

/ K-005

Dane projektu

Tytuł : wydział Biologii Uniwersytetu Gdańskiego
Element : Ściany poz. P0 w osiach 14-16/A-F
Inwestor : Uniwersytet Gdański, 80-952 Gdańsk ul. Jana Bażyńskiego 1A
Rys nr : K-005
Data : 27.02.2008

WYKAZ STALI ZBROJENIOWEJ klasa stali: BST 500 SA

Poz.	Nr	d	Długość	całk.dł	masa(kg)
1	12	14	4.10	49.20	59.532
2	8	14	1.70	13.60	16.456
3	22	14	5.20	114.40	138.424
4	70	12	5.50	385.00	341.880
5	30	12	4.85	145.50	129.204
6	54	12	4.10	221.40	196.603
7	302	12	4.80	1449.60	1287.245
8	174	12	1.40	243.60	216.317
9	4	16	3.00	12.00	18.960
10	62	10	1.70	105.40	65.032
11	371	10	1.60	593.60	366.251
12	52	10	1.20	62.40	38.501
13	8	16	7.90	63.20	99.856
14	52	10	6.45	335.40	206.942
15	2	10	2.00	4.00	2.468
16	10	14	5.90	59.00	71.390
17	21	10	1.12	23.52	14.512
18	12	14	3.40	40.80	49.368
19	14	12	2.20	30.80	27.350
20	6	10	3.20	19.20	11.846
21	24	10	6.50	156.00	96.252
22	95	10	1.30	123.50	76.199
23	10	14	2.10	21.00	25.410
24	4	16	5.60	22.40	35.392
25	60	10	4.10	246.00	151.782
26	4	14	4.85	19.40	23.474
27	62	10	2.40	148.80	91.810
28	4	16	3.90	15.60	24.648
29	14	12	2.10	29.40	26.107
30	58	12	3.80	220.40	195.715
31	4	14	3.40	13.60	16.456
32	14	12	1.40	19.60	17.405
33	18	12	3.90	70.20	62.338
34	4	16	12.00	48.00	75.840
35	4	16	6.60	26.40	41.712
36	4	10	2.30	9.20	5.676
37	30	10	2.95	88.50	54.604
38	20	10	5.80	116.00	71.572
39	15	10	1.80	27.00	16.659
40	32	10	1.40	44.80	27.642
41	98	10	4.70	460.60	284.190
42	4	10	2.20	8.80	5.430
43	30	10	3.50	105.00	64.785
44	4	14	2.20	8.80	10.648
45	4	16	3.50	14.00	22.120
46	52	10	1.90	98.80	60.960
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	4	16	4.00	16.00	25.280
51	5	14	2.40	12.00	14.520
52	16	10	2.60	41.60	25.667
53	16	10	2.10	33.60	20.731
54	16	10	1.46	23.36	14.413
55	14	12	1.45	20.30	18.026
56	26	12	4.15	107.90	95.815
57	8	16	4.30	34.40	54.352
58	5	14	2.10	10.50	12.705
59	24	10	2.80	67.20	41.462
60	15	10	1.12	16.80	10.366
61	30	10	1.60	48.00	29.616
62	11	12	4.60	50.60	44.933

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WYKAZ STALI ZBROJENIOWEJ klasa stali: BST 500 SA

Poz.	Nr	d	Długość	całk.dł	masa(kg)
63	7	12	4.60	32.20	28.594
64	4	12	4.90	19.60	17.405
65	59	12	4.80	283.20	251.482
66	9	12	4.80	43.20	38.362
67	20	12	2.80	56.00	49.728
68	20	12	3.25	65.00	57.720
69	4	14	2.90	11.60	14.036
70	29	12	2.00	58.00	51.504
71	6	12	4.50	27.00	23.976
72	6	12	4.50	27.00	23.976
73	4	14	1.60	6.40	7.744
74	4	16	3.10	12.40	19.592
75	4	16	8.00	32.00	50.560
76	92	10	6.40	588.80	363.290
77	2	10	5.35	10.70	6.602
78	8	10	1.60	12.80	7.898
79	38	10	4.30	163.40	100.818
80	4	10	5.50	22.00	13.574
81	4	10	1.70	6.80	4.196
82	4	14	2.50	10.00	12.100
83	8	16	4.30	34.40	54.352
84	454	6	0.27	122.58	27.213
85	4	14	1.90	7.60	9.196

Całk. ilość stali

d(mm)	całk.dł	kg/m	masa(kg)
6	122.58	0.222	27.213
10	3811.58	0.617	2351.745
12	3659.50	0.888	3249.636
14	411.90	1.210	498.399
16	330.80	1.580	522.664

masa całk. (kg) 6649.657

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Dane projektu

Tytuł : wydział Biologii Uniwersytetu Gdańskiego
Element : Ściany poz. P0 w osiach 14-16/A-F
Inwestor : Uniwersytet Gdański, 80-952 Gdańsk ul. Jana Bażyńskiego 1A
Rys nr : K-005
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

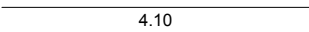
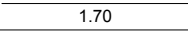
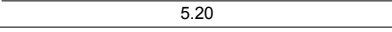
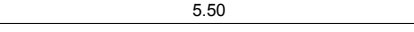
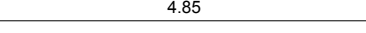
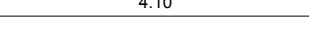
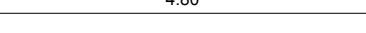
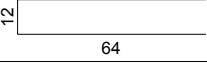
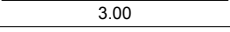
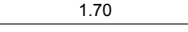
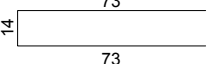
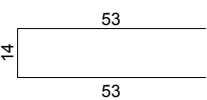
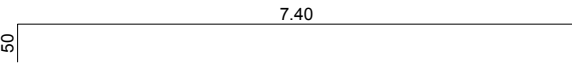
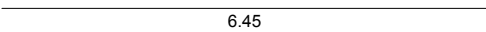
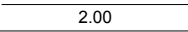
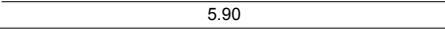
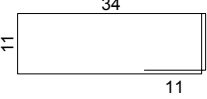
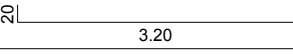
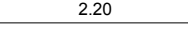
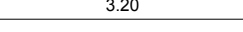
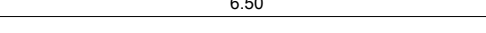
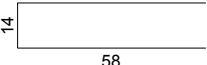
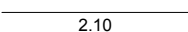
Element : Ściany poz. P0 w osiach 14-16/A-F

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

Rys nr : K-005

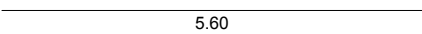
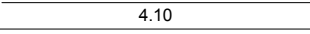
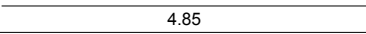
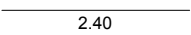
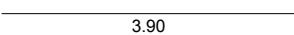
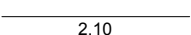
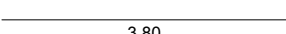
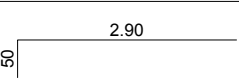
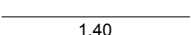
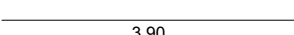
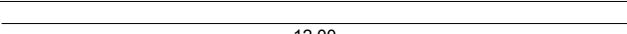
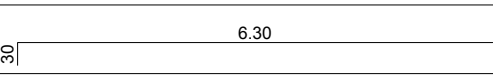
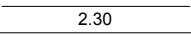
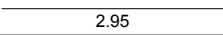
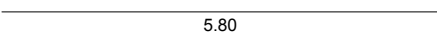
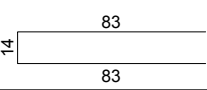
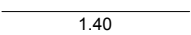
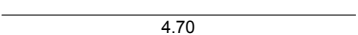
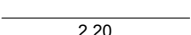
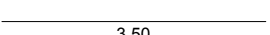

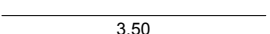
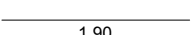
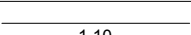
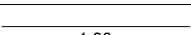
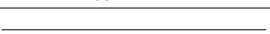
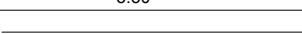
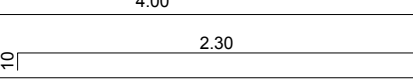
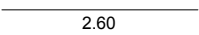
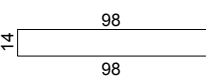
Data : 27.02.2008

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

Poz.	szt.	d	długość	dbr ds	typ	forma gięcia	suma dł.	ciężar kg
1	12	14	4.10		A1		49.20	59.532
2	8	14	1.70		A1		13.60	16.456
3	22	14	5.20		A1		114.40	138.424
4	70	12	5.50		A1		385.00	341.880
5	30	12	4.85		A1		145.50	129.204
6	54	12	4.10		A1		221.40	196.603
7	302	12	4.80		A1		1449.60	1287.245
8	174	12	1.40		A3		243.60	216.317
9	4	16	3.00		A1		12.00	18.960
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12	52	10	1.20		A3		62.40	38.501
13	8	16	7.90		A2		63.20	99.856
14	52	10	6.45		A1		335.40	206.942
15	2	10	2.00		A1		4.00	2.468
16	10	14	5.90		A1		59.00	71.390
17	21	10	1.12		B2		23.52	14.512
18	12	14	3.40		A2		40.80	49.368
19	14	12	2.20		A1		30.80	27.350
20	6	10	3.20		A1		19.20	11.846
21	24	10	6.50		A1		156.00	96.252
22	95	10	1.30		A3		123.50	76.199
23	10	14	2.10		A1		21.00	25.410

Projekt: 2007-052 wydział Biologii Uniwersytetu Gdańskiego

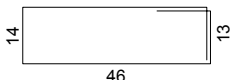
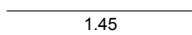
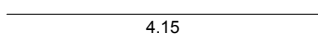
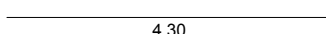
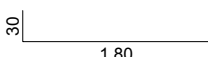
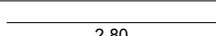

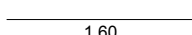
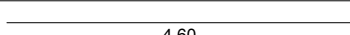
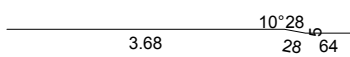
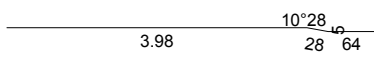
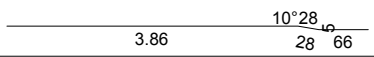
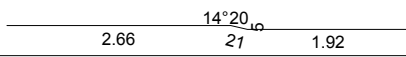
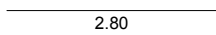
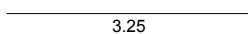
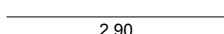
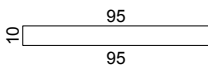
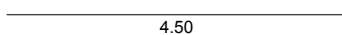
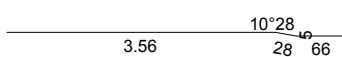
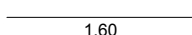
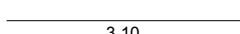
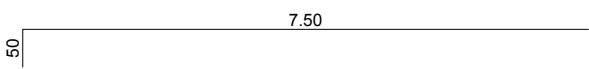
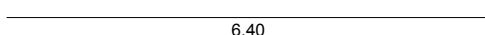
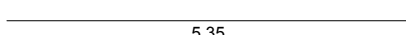
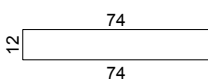
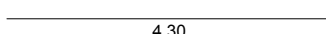
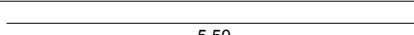
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WYKAZ FORM GIĘCIA PRĘTÓW ZBROJ. Klasa stali: BST 500 SA								
Poz.	szt.	d	długość	dbr ds	typ	forma gięcia	suma dł.	ciężar kg
24	4	16	5.60		A1		22.40	35.392
25	60	10	4.10		A1		246.00	151.782
26	4	14	4.85		A1		19.40	23.474
27	62	10	2.40		A1		148.80	91.810
28	4	16	3.90		A1		15.60	24.648
29	14	12	2.10		A1		29.40	26.107
30	58	12	3.80		A1		220.40	195.715
31	4	14	3.40		A2		13.60	16.456
32	14	12	1.40		A1		19.60	17.405
33	18	12	3.90		A1		70.20	62.338
34	4	16	12.00		A1		48.00	75.840
35	4	16	6.60		A2		26.40	41.712
36	4	10	2.30		A1		9.20	5.676
37	30	10	2.95		A1		88.50	54.604
38	20	10	5.80		A1		116.00	71.572
39	15	10	1.80		A3		27.00	16.659
40	32	10	1.40		A1		44.80	27.642
41	98	10	4.70		A1		460.60	284.190
42	4	10	2.20		A1		8.80	5.430
43	30	10	3.50		A1		105.00	64.785
44	4	14	2.20		A2		8.80	10.648
45	4	16	3.50		A1		14.00	22.120
46	52	10	1.90		A1		98.80	60.960
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	4	16	4.00		A1		16.00	25.280
51	5	14	2.40		A2		12.00	14.520
52	16	10	2.60		A1		41.60	25.667
53	16	10	2.10		A3		33.60	20.731

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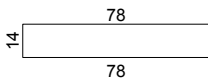
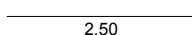
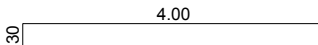
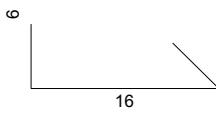
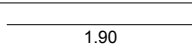
WYKAZ FORM GIĘCIA PRĘTÓW ZBROJ. Klasa stali: BST 500 SA

Poz.	szt.	d	długość	db ds	typ	forma gięcia	suma dł.	ciężar kg
54	16	10	1.46		B2	 ką 0 stopni	23.36	14.413
55	14	12	1.45		A1		20.30	18.026
56	26	12	4.15		A1		107.90	95.815
57	8	16	4.30		A1		34.40	54.352
58	5	14	2.10		A2		10.50	12.705
59	24	10	2.80		A1		67.20	41.462
60	15	10	1.12		B2	 ką 0 stopni	16.80	10.366
61	30	10	1.60		A1		48.00	29.616
62	11	12	4.60		A1		50.60	44.933
63	7	12	4.60		C2		32.20	28.594
64	4	12	4.90		C2		19.60	17.405
65	59	12	4.80		C2		283.20	251.482
66	9	12	4.80		C2		43.20	38.362
67	20	12	2.80		A1		56.00	49.728
68	20	12	3.25		A1		65.00	57.720
69	4	14	2.90		A1		11.60	14.036
70	29	12	2.00		A3		58.00	51.504
71	6	12	4.50		A1		27.00	23.976
72	6	12	4.50		C2		27.00	23.976
73	4	14	1.60		A1		6.40	7.744
74	4	16	3.10		A1		12.40	19.592
75	4	16	8.00		A2		32.00	50.560
76	92	10	6.40		A1		588.80	363.290
77	2	10	5.35		A1		10.70	6.602
78	8	10	1.60		A3		12.80	7.898
79	38	10	4.30		A1		163.40	100.818
80	4	10	5.50		A1		22.00	13.574

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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
81	4	10	1.70		A3		6.80	4.196
82	4	14	2.50		A1		10.00	12.100
83	8	16	4.30		A2		34.40	54.352
84	454	6	0.27		D1		122.58	27.213
85	4	14	1.90		A1		7.60	9.196

masa całkow. (kg) 6649.657