

Projekt: 2007-052 wydział Biologii Uniwersytetu Gdańskiego

/ K-503

Dane projektu

Tytuł : wydział Biologii Uniwersytetu Gdańskiego
Element : Ściany w poziomie P5 w osiach P-W/2-8
Inwestor : Uniwersytet Gdański, 80-952 Gdańsk ul. Jana Bażyńskiego 1A
Rys Nr : K-503
Data : 01.04.2008

WYKAZ STALI ZBROJENIOWEJ Klasa stali: BST 500 SA

Poz.	szt.	d	długość	całk.dł	masa(kg)
1	8	14	8.20	65.60	79.376
2	147	12	1.90	279.30	248.018
3	119	10	1.60	190.40	117.477
4	20	10	2.20	44.00	27.148
5	3	14	2.40	7.20	8.712
6	20	14	4.00	80.00	96.800
7	8	14	3.70	29.60	35.816
8	86	10	1.90	163.40	100.818
9	10	10	2.00	20.00	12.340
10	17	10	1.14	19.38	11.957
11	16	10	1.26	20.16	12.439
12	104	10	6.70	696.80	429.926
13	126	12	4.00	504.00	447.552
14	20	8	12.00	240.00	94.800
15	16	10	1.60	25.60	15.795
16	74	10	3.00	222.00	136.974
17	15	10	0.84	12.60	7.774
18	3	14	2.30	6.90	8.349
19	17	12	1.50	25.50	22.644
20	4	14	5.00	20.00	24.200
21	62	12	4.50	279.00	247.752
22	3	20	4.65	13.95	34.457
23	4	14	6.80	27.20	32.912
24	21	8	1.80	37.80	14.931
25	4	14	1.75	7.00	8.470
26	345	6	0.27	93.15	20.679
27	110	8	1.07	117.70	46.492
28	4	14	12.00	48.00	58.080
29	4	14	6.40	25.60	30.976
30	3	20	3.10	9.30	22.971
31	118	10	3.80	448.40	276.663
32	4	14	4.40	17.60	21.296
33	145	10	1.70	246.50	152.090
34	110	8	3.47	381.70	150.772
35	16	14	4.50	72.00	87.120
36	60	8	1.05	63.00	24.885
37	5	20	9.00	45.00	111.150
38	18	12	1.40	25.20	22.378
39	20	8	5.20	104.00	41.080
40	6	8	6.50	39.00	15.405
41	5	20	9.30	46.50	114.855
42	31	8	3.40	105.40	41.633
43	4	14	2.00	8.00	9.680
44	3	20	5.75	17.25	42.608
45	34	10	1.60	54.40	33.565
46	4	16	3.35	13.40	21.172
47	27	10	1.70	45.90	28.320
48	16	14	3.90	62.40	75.504
49	14	10	3.60	50.40	31.097
50	3	20	7.10	21.30	52.611
51	3	20	3.85	11.55	28.529
52	22	10	1.50	33.00	20.361
53	6	8	3.40	20.40	8.058
54	14	8	3.60	50.40	19.908
55	3	20	12.00	36.00	88.920

Całk. ilość stali

d(mm)	całk.dł	kg/m	masa(kg)
6	93.15	0.222	20.679
8	1159.40	0.395	457.963
10	2292.94	0.617	1414.744
12	1113.00	0.888	988.344

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Całk. ilość stali			
d(mm)	całk.dł	kg/m	masa(kg)
14	477.10	1.210	577.291
16	13.40	1.580	21.172
20	200.85	2.470	496.100

masa całk. (kg) 3976.293

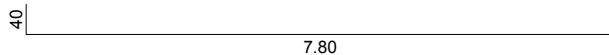
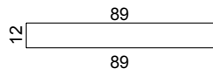
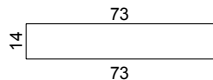
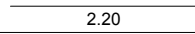
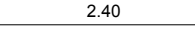
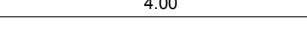
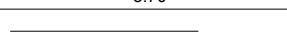
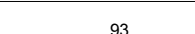
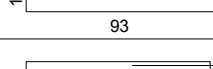
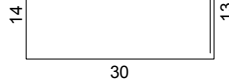
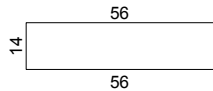
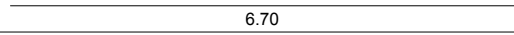
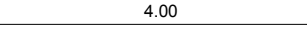
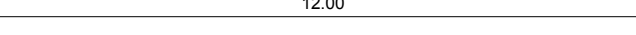
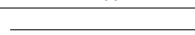
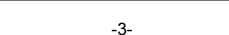
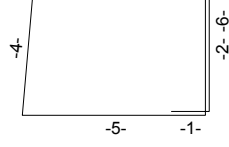

Projekt: 2007-052 wydział Biologii Uniwersytetu Gdańskiego

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Dane projektu

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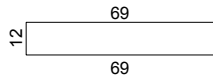
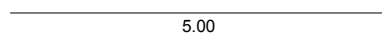
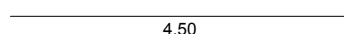
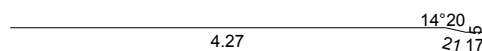
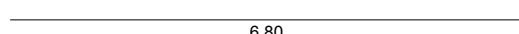
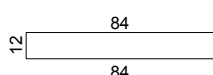
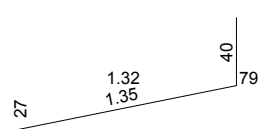

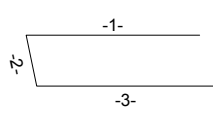
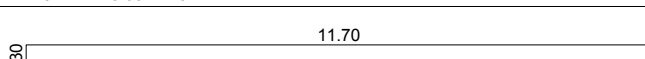
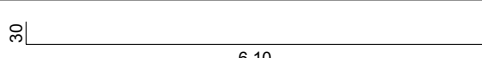
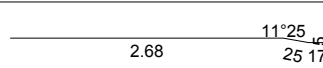
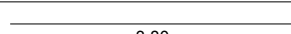
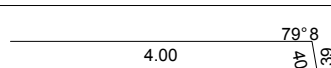
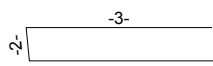
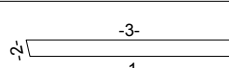
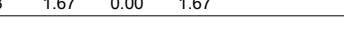
WYKAZ FORM GIĘCIA PRĘTÓW ZBROJ. Klasa stali: BST 500 SA

Poz.	Szt.	d	długość	db ds	Typ	forma gięcia	suma dł.	ciężar kg																																			
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17	15	10	0.84		X1	 <table><tr><td>Nr.</td><td>dx</td><td>dy</td><td>l</td><td>γ°</td></tr><tr><td>1</td><td>0.04</td><td>-0.00</td><td>0.04</td><td>90</td></tr><tr><td>2</td><td>0.00</td><td>0.14</td><td>0.14</td><td>90</td></tr><tr><td>3</td><td>-0.19</td><td>0.00</td><td>0.19</td><td>85</td></tr><tr><td>4</td><td>-0.01</td><td>-0.14</td><td>0.14</td><td>95</td></tr><tr><td>5</td><td>0.20</td><td>-0.00</td><td>0.20</td><td>90</td></tr><tr><td>6</td><td>0.00</td><td>0.13</td><td>0.13</td><td></td></tr></table>	Nr.	dx	dy	l	γ°	1	0.04	-0.00	0.04	90	2	0.00	0.14	0.14	90	3	-0.19	0.00	0.19	85	4	-0.01	-0.14	0.14	95	5	0.20	-0.00	0.20	90	6	0.00	0.13	0.13		12.60	7.774
Nr.	dx	dy	l	γ°																																							
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Projekt: 2007-052 wydział Biologii Uniwersytetu Gdańskiego

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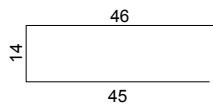
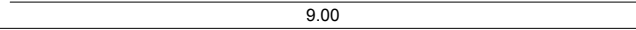
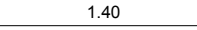
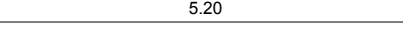
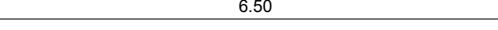
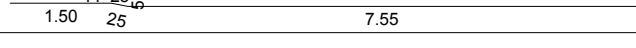
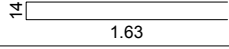
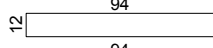
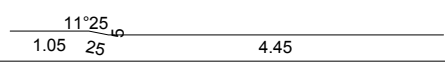
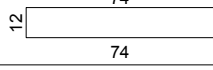

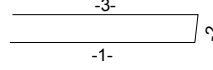
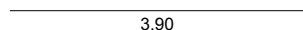
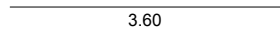
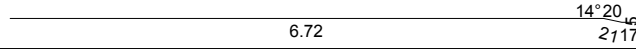
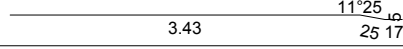
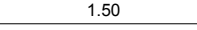
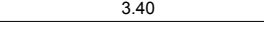
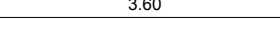

WYKAZ FORM GIĘCIA PRĘTÓW ZBROJ. Klasa stali: BST 500 SA

Poz.	Szt.	d	długość	dbr ds	Typ	forma gięcia	suma dł.	ciężar kg																				
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25	4	14	1.75		C1		7.00	8.470																				
26	345	6	0.27		D1		93.15	20.679																				
27	110	8	1.07		X1	 <div><table><tr><th>Nr.</th><th>dx</th><th>dy</th><th>l</th><th>>°</th></tr><tr><td>1</td><td>-0.46</td><td>-0.00</td><td>0.46</td><td>101</td></tr><tr><td>2</td><td>0.03</td><td>-0.14</td><td>0.14</td><td>79</td></tr><tr><td>3</td><td>0.47</td><td>0.00</td><td>0.47</td><td></td></tr></table></div>	Nr.	dx	dy	l	>°	1	-0.46	-0.00	0.46	101	2	0.03	-0.14	0.14	79	3	0.47	0.00	0.47		117.70	46.492
Nr.	dx	dy	l	>°																								
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31	118	10	3.80		A1		448.40	276.663																				
32	4	14	4.40		C1		17.60	21.296																				
33	145	10	1.70		X1	 <div><table><tr><th>Nr.</th><th>dx</th><th>dy</th><th>l</th><th>>°</th></tr><tr><td>1</td><td>-0.78</td><td>0.00</td><td>0.78</td><td>-85</td></tr><tr><td>2</td><td>-0.01</td><td>0.14</td><td>0.14</td><td>-95</td></tr><tr><td>3</td><td>0.78</td><td>0.00</td><td>0.78</td><td></td></tr></table></div>	Nr.	dx	dy	l	>°	1	-0.78	0.00	0.78	-85	2	-0.01	0.14	0.14	-95	3	0.78	0.00	0.78		246.50	152.090
Nr.	dx	dy	l	>°																								
1	-0.78	0.00	0.78	-85																								
2	-0.01	0.14	0.14	-95																								
3	0.78	0.00	0.78																									
34	110	8	3.47		X1	 <div><table><tr><th>Nr.</th><th>dx</th><th>dy</th><th>l</th><th>>°</th></tr><tr><td>1</td><td>-1.66</td><td>-0.00</td><td>1.66</td><td>-79</td></tr><tr><td>2</td><td>-0.03</td><td>0.14</td><td>0.14</td><td>-101</td></tr><tr><td>3</td><td>1.67</td><td>0.00</td><td>1.67</td><td></td></tr></table></div>	Nr.	dx	dy	l	>°	1	-1.66	-0.00	1.66	-79	2	-0.03	0.14	0.14	-101	3	1.67	0.00	1.67		381.70	150.772
Nr.	dx	dy	l	>°																								
1	-1.66	-0.00	1.66	-79																								
2	-0.03	0.14	0.14	-101																								
3	1.67	0.00	1.67																									
35	16	14	4.50		A1		72.00	87.120																				

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																				
36	60	8	1.05		A3		63.00	24.885																				
37	5	20	9.00		A1		45.00	111.150																				
38	18	12	1.40		A1		25.20	22.378																				
39	20	8	5.20		A1		104.00	41.080																				
40	6	8	6.50		A1		39.00	15.405																				
41	5	20	9.30		C2		46.50	114.855																				
42	31	8	3.40		A3		105.40	41.633																				
43	4	14	2.00		A3		8.00	9.680																				
44	3	20	5.75		C2		17.25	42.608																				
45	34	10	1.60		A3		54.40	33.565																				
46	4	16	3.35		A3		13.40	21.172																				
47	27	10	1.70		X1	 <table><tr><td>Nr.</td><td>dx</td><td>dy</td><td>l</td><td>>°</td></tr><tr><td>1</td><td>0.79</td><td>0.00</td><td>0.79</td><td>85</td></tr><tr><td>2</td><td>0.01</td><td>0.12</td><td>0.12</td><td>95</td></tr><tr><td>3</td><td>-0.79</td><td>0.00</td><td>0.79</td><td></td></tr></table>	Nr.	dx	dy	l	>°	1	0.79	0.00	0.79	85	2	0.01	0.12	0.12	95	3	-0.79	0.00	0.79		45.90	28.320
Nr.	dx	dy	l	>°																								
1	0.79	0.00	0.79	85																								
2	0.01	0.12	0.12	95																								
3	-0.79	0.00	0.79																									
48	16	14	3.90		A1		62.40	75.504																				
49	14	10	3.60		A1		50.40	31.097																				
50	3	20	7.10		C2		21.30	52.611																				
51	3	20	3.85		C2		11.55	28.529																				
52	22	10	1.50		A1		33.00	20.361																				
53	6	8	3.40		A1		20.40	8.058																				
54	14	8	3.60		A1		50.40	19.908																				
55	3	20	12.00		A1		36.00	88.920																				

masa całkow. (kg) 3976.293