

Projekt: 2007-052 wydział Biologii Uniwersytetu Gdańskiego

/ K-011

Dane projektu

Tytuł : Wydział Biologii Uniwersytetu Gdańskiego
Element : Ściany w poziomie P0, osie A-E/4-6
Inwestor : Uniwersytet Gdański, 80-952 Gdańsk ul. Jana Bażyńskiego 1A
Rys Nr : K-011
Data : 01.03.2008

WYKAZ STALI ZBROJENIOWEJ klasa stali: BST 500 SA

Poz.	szt.	d	Długość	całk.dł	masa(kg)
1	25	12	1.40	35.00	31.080
2	64	10	1.60	102.40	63.181
3	30	10	1.30	39.00	24.063
4	32	10	1.60	51.20	31.590
5	223	6	0.27	60.21	13.367
6	254	12	5.80	1473.20	1308.202
7	16	14	6.10	97.60	118.096
8	102	10	6.60	673.20	415.364
9	208	10	1.60	332.80	205.338
10	4	12	2.00	8.00	7.104
11	8	16	8.30	66.40	104.912
12	18	12	2.05	36.90	32.767
13	14	12	1.80	25.20	22.378
14	8	14	4.00	32.00	38.720
15	30	10	2.70	81.00	49.977
16	36	10	3.80	136.80	84.406
17	23	8	1.07	24.61	9.721
18	6	14	2.60	15.60	18.876
19	4	16	6.00	24.00	37.920
20	22	12	2.50	55.00	48.840
21	30	10	4.90	147.00	90.699
22	6	14	3.10	18.60	22.506
23	22	12	5.90	129.80	115.262
24	4	16	6.40	25.60	40.448
25	50	10	2.30	115.00	70.955
26	41	12	2.30	94.30	83.738
27	8	14	2.80	22.40	27.104
28	4	14	2.60	10.40	12.584
29	32	10	2.00	64.00	39.488
30	4	14	1.80	7.20	8.712
31	4	14	1.08	4.32	5.227
32	4	16	3.00	12.00	18.960
33	6	14	4.30	25.80	31.218
34	2	12	3.80	7.60	6.749
35	2	12	3.00	6.00	5.328
36	2	14	6.20	12.40	15.004
37	7	10	8.70	60.90	37.575
38	10	12	2.90	29.00	25.752
39	5	10	1.35	6.75	4.165
40	26	10	1.20	31.20	19.250
41	19	12	2.04	38.76	34.419
42	12	10	1.30	15.60	9.625
43	7	10	2.20	15.40	9.502
44	2	14	6.00	12.00	14.520
45	7	10	7.00	49.00	30.233
46	3	10	1.30	3.90	2.406
47	26	10	1.60	41.60	25.667
48	52	10	1.86	96.72	59.676
49	14	10	3.30	46.20	28.505
50	24	10	3.06	73.44	45.312
51	14	10	2.90	40.60	25.050
52	2	12	2.30	4.60	4.085
53	36	6	0.25	9.00	1.998
54	4	14	3.70	14.80	17.908
55	4	14	3.20	12.80	15.488

średnio

średnio

średnio

Całk. ilość stali	d(mm)	całk.dł	kg/m	masa(kg)
6	69.21	0.222	15.365	
8	24.61	0.395	9.721	
10	2223.71	0.617	1372.029	
12	1943.36	0.888	1725.704	
14	285.92	1.210	345.963	
16	128.00	1.580	202.240	

masa całk. (kg) 3671.022

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Element : Ściany w poziomie P0, osie A-E/4-6
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Rys Nr : K-011
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ELEMENTY DO WBUDOWANIA

Poz.	ilość	jednostka	opis	materiał	Bestellnummer
1	4	mb	HBT150-Ř12/15, Typ5	BSt500S	

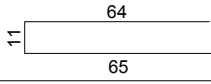
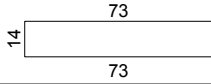
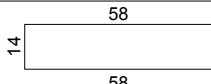
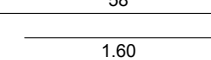
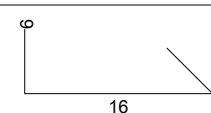
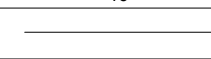
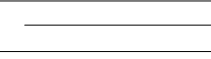
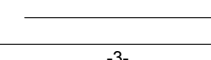
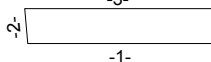
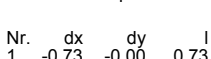
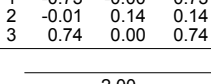
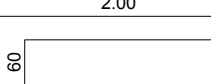
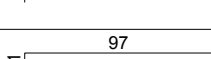
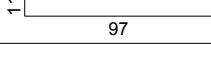
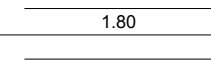
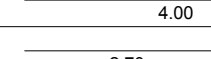
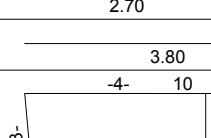
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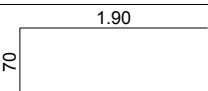
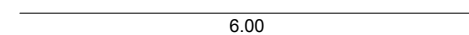
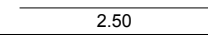
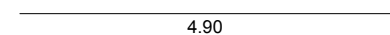
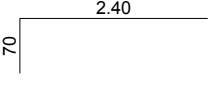
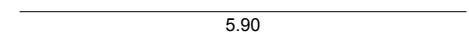
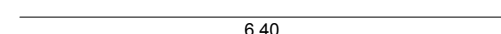
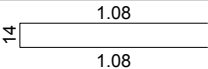
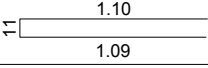

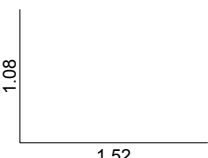
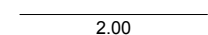
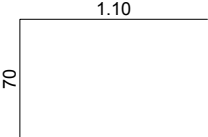
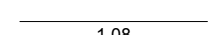
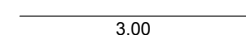
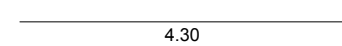
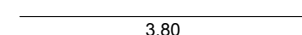
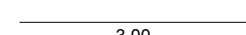
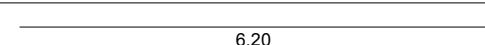
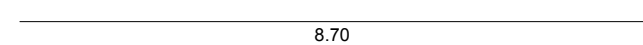

WYKAZ FORM GIECIA PRETÓW ZBROJ. Klasa stali: BST 500 SA

Poz.	Szt.	d	d3ugo?a	dbr ds	Typ	forma giecia	suma d3.	cie?ar kg																									
1	25	12	1.40		A3		35.00	31.080																									
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9	208	10	1.60		X1	 <table><tr><th>Nr.</th><th>dx</th><th>dy</th><th>l</th><th>>°</th></tr><tr><td>1</td><td>-0.73</td><td>-0.00</td><td>0.73</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>0.74</td><td>0.00</td><td>0.74</td><td></td></tr></table>	Nr.	dx	dy	l	>°	1	-0.73	-0.00	0.73	-85	2	-0.01	0.14	0.14	-95	3	0.74	0.00	0.74		332.80	205.338					
Nr.	dx	dy	l	>°																													
1	-0.73	-0.00	0.73	-85																													
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12	18	12	2.05		A3		36.90	32.767																									
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17	23	8	1.07		X1	 <table><tr><th>Nr.</th><th>dx</th><th>dy</th><th>l</th><th>>°</th></tr><tr><td>1</td><td>-0.00</td><td>-0.14</td><td>0.14</td><td>-90</td></tr><tr><td>2</td><td>-0.29</td><td>0.00</td><td>0.29</td><td>-85</td></tr><tr><td>3</td><td>-0.01</td><td>0.14</td><td>0.14</td><td>-95</td></tr><tr><td>4</td><td>0.31</td><td>-0.00</td><td>0.31</td><td>-90</td></tr></table>	Nr.	dx	dy	l	>°	1	-0.00	-0.14	0.14	-90	2	-0.29	0.00	0.29	-85	3	-0.01	0.14	0.14	-95	4	0.31	-0.00	0.31	-90	24.61	9.721
Nr.	dx	dy	l	>°																													
1	-0.00	-0.14	0.14	-90																													
2	-0.29	0.00	0.29	-85																													
3	-0.01	0.14	0.14	-95																													
4	0.31	-0.00	0.31	-90																													

Projekt: 2007-052 wydział Biologii Uniwersytetu Gdańskiego

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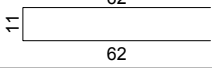
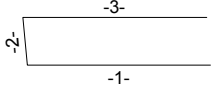
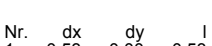
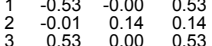
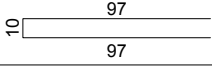
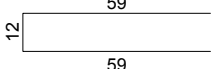
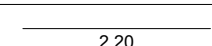


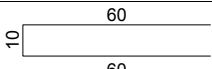
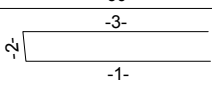
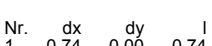
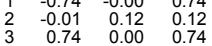
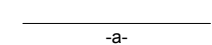
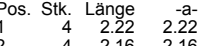
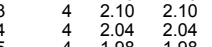
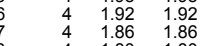
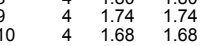
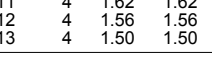
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18	6	14	2.60		A2		15.60	18.876
19	4	16	6.00		A1		24.00	37.920
20	22	12	2.50		A1		55.00	48.840
21	30	10	4.90		A1		147.00	90.699
22	6	14	3.10		A2		18.60	22.506
23	22	12	5.90		A1		129.80	115.262
24	4	16	6.40		A1		25.60	40.448
25	50	10	2.30		A3		115.00	70.955
26	41	12	2.30		A3		94.30	83.738
27	8	14	2.80		A2		22.40	27.104
28	4	14	2.60		A2		10.40	12.584
29	32	10	2.00		A1		64.00	39.488
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32	4	16	3.00		A1		12.00	18.960
33	6	14	4.30		A1		25.80	31.218
34	2	12	3.80		A1		7.60	6.749
35	2	12	3.00		A1		6.00	5.328
36	2	14	6.20		A1		12.40	15.004
37	7	10	8.70		A1		60.90	37.575
38	10	12	2.90		A1	 -a- Pos. Stk. Länge -a- 1 2 1.60 1.60 2 2 2.25 2.25 3 2 2.90 2.90	29.00	25.752

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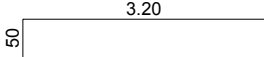
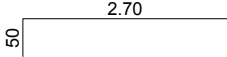
WYKAZ FORM GIECIA PRETÓW ZBROJ. Klasa stali: BST 500 SA

Poz.	Szt.	d	d3ugo?a	dbr ds	Typ	forma giecia	suma d3.	cie?ar kg
38						Pos. Stk. Länge -a- 4 2 3.55 3.55 5 2 4.20 4.20		
39	5	10	1.35		A3	11 	6.75	4.165
40	26	10	1.20		X1	-3-  -2-  -1-  Nr. dx dy l >° 1 -0.53 -0.00 0.53 -85 2 -0.01 0.14 0.14 -95 3 0.53 0.00 0.53	31.20	19.250
41	19	12	2.04		A3	10 	38.76	34.419
42	12	10	1.30		A3	12 	15.60	9.625
43	7	10	2.20		A1		15.40	9.502
44	2	14	6.00		A1		12.00	14.520
45	7	10	7.00		A1		49.00	30.233
46	3	10	1.30		A3	10 	3.90	2.406
47	26	10	1.60		X1	-3-  -2-  -1-  Nr. dx dy l >° 1 -0.74 -0.00 0.74 -85 2 -0.01 0.12 0.12 -95 3 0.74 0.00 0.74	41.60	25.667
48	52	10	1.86		A1	-a-  Pos. Stk. Länge -a- 1 4 2.22 2.22 2 4 2.16 2.16 3 4 2.10 2.10 4 4 2.04 2.04 5 4 1.98 1.98 6 4 1.92 1.92 7 4 1.86 1.86 8 4 1.80 1.80 9 4 1.74 1.74 10 4 1.68 1.68 11 4 1.62 1.62 12 4 1.56 1.56 13 4 1.50 1.50	96.72	59.676
49	14	10	3.30		A1		46.20	28.505
50	24	10	3.06		A1	-a-  Pos. Stk. Länge -a- 1 4 3.22 3.22 2 4 3.15 3.15 3 4 3.09 3.09 4 4 3.03 3.03 5 4 2.96 2.96 6 4 2.90 2.90	73.44	45.312
51	14	10	2.90		A1		40.60	25.050
52	2	12	2.30		A1		4.60	4.085
53	36	6	0.25		D1	5  14	9.00	1.998

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WYKAZ FORM GIECIA PRETÓW ZBROJ. Klasa stali: BST 500 SA

Poz.	Szt.	d	d3ugo?a	dbr ds	Typ	forma giecia	suma d3.	cie?ar kg
54	4	14	3.70		A2		14.80	17.908
55	4	14	3.20		A2		12.80	15.488

masa ca3k. (kg) 3671.022