

Projekt: 2007-052 wydział Biologii Uniwersytetu Gdańskiego

/ K-205

Dane projektu

Tytuł : wydział Biologii Uniwersytetu Gdańskiego
Element : Ściany i podciąg fasadowe w poziomie P2
Inwestor : Uniwersytet Gdański, 80-952 Gdańsk ul. Jana Bażyńskiego 1A
Rys Nr : K-205
Data : 14.03.2008

WYKAZ STALI ZBROJENIOWEJ Klasa stali: BST 500 S

Poz.	szt.	d	długość	całk.dł	masa(kg)
1	180	10	6.60	1188.00	732.996
2	48	14	3.30	158.40	191.664
3	52	14	4.80	249.60	302.016
4	26	10	1.35	35.10	21.657
5	100	8	12.00	1200.00	474.000
6	28	12	12.00	336.00	298.368
7	432	8	3.45	1490.40	588.708
8	434	8	2.10	911.40	360.003
9	26	10	1.50	39.00	24.063
10	26	10	2.20	57.20	35.292
11	380	6	0.24	91.20	20.246
12	26	10	2.20	57.20	35.292
13	10	14	4.10	41.00	49.610
14	15	14	2.50	37.50	45.375
15	12	16	8.00	96.00	151.680
16	5	14	3.00	15.00	18.150
17	146	12	4.50	657.00	583.416
18	16	10	5.60	89.60	55.283
19	8	12	9.30	74.40	66.067
20	27	16	9.00	243.00	383.940
21	3	16	10.00	30.00	47.400
22	201	10	3.40	683.40	421.658
23	16	10	12.00	192.00	118.464
24	341	10	2.00	682.00	420.794
25	39	10	1.62	63.18	38.982
26	26	10	2.00	52.00	32.084
27	3	16	13.02	39.06	61.715
28	86	10	4.60	395.60	244.085
29	4	12	11.70	46.80	41.558
30	20	8	8.60	172.00	67.940
31	3	16	12.00	36.00	56.880
32	3	16	8.40	25.20	39.816
33	8	12	8.00	64.00	56.832
34	13	10	1.90	24.70	15.240
35	15	14	5.50	82.50	99.825
36	120	10	5.55	666.00	410.922
37	24	12	7.70	184.80	164.102
38	53	8	2.70	143.10	56.525
39	15	16	7.20	108.00	170.640
40	13	10	2.80	36.40	22.459
41	137	10	1.30	178.10	109.888
42	358	10	1.60	572.80	353.418
43	196	12	4.70	921.20	818.026
44	185	10	3.75	693.75	428.044
45	230	10	1.40	322.00	198.674
46	5	16	6.90	34.50	54.510
47	26	10	1.02	26.52	16.363
48	39	10	1.52	59.28	36.576
49	5	14	3.00	15.00	18.150
50	4	14	5.50	22.00	26.620
51	3	16	10.00	30.00	47.400
52	22	8	8.30	182.60	72.127
53	3	16	8.20	24.60	38.868
54	39	10	2.00	78.00	48.126

Całk. ilość stali

d(mm)	całk.dł	kg/m	masa(kg)
6	91.20	0.222	20.246
8	4099.50	0.395	1619.303
10	6191.83	0.617	3820.359
12	2284.20	0.888	2028.370
14	621.00	1.210	751.410

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Całk. ilość stali d(mm)	całk.dł	kg/m	masa(kg)
16	666.36	1.580	1052.849
masa całk. (kg)			9292.537

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Element : Ściany i podciąg fasadowe w poziomie P2
Inwestor : Uniwersytet Gdański, 80-952 Gdańsk ul. Jana Bażyńskiego 1A
Rys Nr : K-205
Data : 14.03.2008

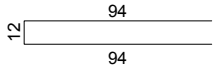
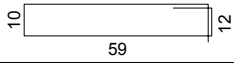
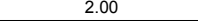
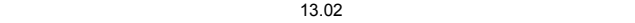
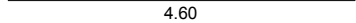
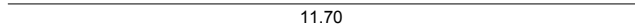
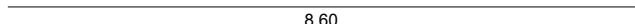
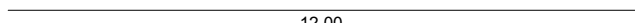
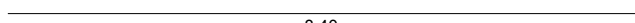

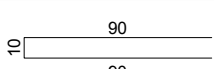
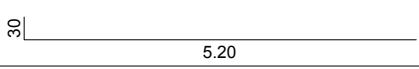
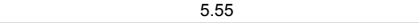
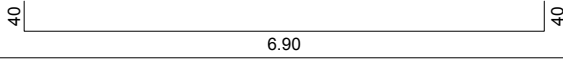
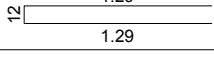
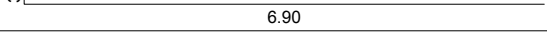
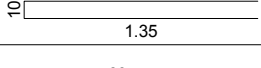
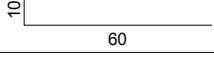
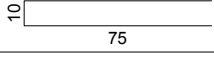
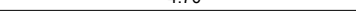
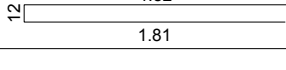
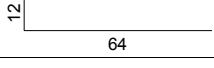
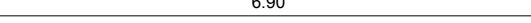
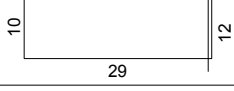
WYKAZ FORM GIĘCIA PRĘTÓW ZBROJ. Klasa stali: BST 500 S

Poz.	Szt.	d	długość	db ds	Typ	forma gięcia	suma dł.	ciężar kg
1	180	10	6.60		A1		1188.00	732.996
2	48	14	3.30		A1		158.40	191.664
3	52	14	4.80		A1		249.60	302.016
4	26	10	1.35		A1		35.10	21.657
5	100	8	12.00		A1		1200.00	474.000
6	28	12	12.00		A1		336.00	298.368
7	432	8	3.45		A3		1490.40	588.708
8	434	8	2.10		A3		911.40	360.003
9	26	10	1.50		A1		39.00	24.063
10	26	10	2.20		A1		57.20	35.292
11	380	6	0.24		D1		91.20	20.246
12	26	10	2.20		A3		57.20	35.292
13	10	14	4.10		A2		41.00	49.610
14	15	14	2.50		A2		37.50	45.375
15	12	16	8.00		A1		96.00	151.680
16	5	14	3.00		A2		15.00	18.150
17	146	12	4.50		A1		657.00	583.416
18	16	10	5.60		A1		89.60	55.283
19	8	12	9.30		A2		74.40	66.067
20	27	16	9.00		A1		243.00	383.940
21	3	16	10.00		A1		30.00	47.400
22	201	10	3.40		A3		683.40	421.658
23	16	10	12.00		A1		192.00	118.464

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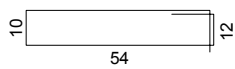
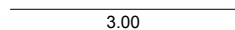
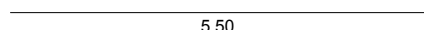
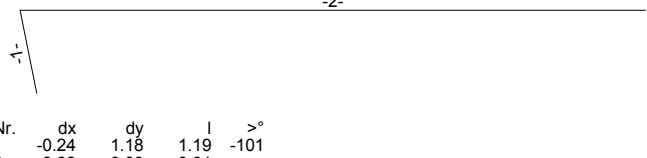
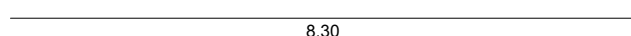
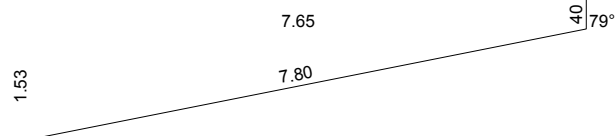
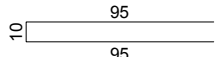
WYKAZ FORM GIĘCIA PRĘTÓW ZBROJ. Klasa stali: BST 500 S

Poz.	Szt.	d	długość	obr ds	Typ	forma gięcia	suma dł.	ciężar kg
24	341	10	2.00		A3		682.00	420.794
25	39	10	1.62		B2		63.18	38.982
26	26	10	2.00		A1		52.00	32.084
27	3	16	13.02		A1		39.06	61.715
28	86	10	4.60		A1		395.60	244.085
29	4	12	11.70		A1		46.80	41.558
30	20	8	8.60		A1		172.00	67.940
31	3	16	12.00		A1		36.00	56.880
32	3	16	8.40		A1		25.20	39.816
33	8	12	8.00		A1		64.00	56.832
34	13	10	1.90		A3		24.70	15.240
35	15	14	5.50		A2		82.50	99.825
36	120	10	5.55		A1		666.00	410.922
37	24	12	7.70		A3		184.80	164.102
38	53	8	2.70		A3		143.10	56.525
39	15	16	7.20		A2		108.00	170.640
40	13	10	2.80		A3		36.40	22.459
41	137	10	1.30		A3		178.10	109.888
42	358	10	1.60		A3		572.80	353.418
43	196	12	4.70		A1		921.20	818.026
44	185	10	3.75		A3		693.75	428.044
45	230	10	1.40		A3		322.00	198.674
46	5	16	6.90		A1		34.50	54.510
47	26	10	1.02		B2		26.52	16.363

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

Poz.	Szt.	d	długość	dbr ds	Typ	forma gięcia	suma dł.	ciężar kg															
48	39	10	1.52		B2	 ką 0 stopni	59.28	36.576															
49	5	14	3.00		A1		15.00	18.150															
50	4	14	5.50		A1		22.00	26.620															
51	3	16	10.00		X1	 <div><table><tr><th>Nr.</th><th>dx</th><th>dy</th><th>l</th><th>α°</th></tr><tr><td>1</td><td>-0.24</td><td>1.18</td><td>1.19</td><td>-101</td></tr><tr><td>2</td><td>8.82</td><td>0.00</td><td>8.81</td><td></td></tr></table></div>	Nr.	dx	dy	l	α°	1	-0.24	1.18	1.19	-101	2	8.82	0.00	8.81		30.00	47.400
Nr.	dx	dy	l	α°																			
1	-0.24	1.18	1.19	-101																			
2	8.82	0.00	8.81																				
52	22	8	8.30		A1		182.60	72.127															
53	3	16	8.20		C1		24.60	38.868															
54	39	10	2.00		A3		78.00	48.126															

masa całk. (kg) 9292.536