

Projekt: 2007-052 wydział Biologii Uniwersytetu Gdańskiego

/ K-001

### Dane projektu

Tytuł : Wydział Biologii Uniwersytetu Gdańskiego  
Element : Słupy w poziomie P0  
Inwestor : Uniwersytet Gdański, 80-952 Gdańsk ul. Jana Bażyńskiego 1A  
Rys nr : K-001  
Data : 29.02.2008

### WYKAZ STALI ZBROJENIOWEJ klasa stali: 500S

Poz.	Nr	d	Długość	całk.dł	masa(kg)
1	252	16	4.60	1159.20	1831.536
2	1091	8	1.56	1701.96	672.274
3	60	16	6.10	366.00	578.280
4	204	14	4.60	938.40	1135.464
5	16	14	2.40	38.40	46.464
6	56	28	6.40	358.40	1731.072
7	138	12	3.08	425.04	377.436
8	112	12	2.68	300.16	266.542
9	224	12	1.88	421.12	373.955
10	140	12	3.12	436.80	387.878
11	112	12	2.72	304.64	270.520
12	20	28	5.90	118.00	569.940
13	28	28	4.50	126.00	608.580
14	8	28	4.60	36.80	177.744
15	28	28	3.40	95.20	459.816
16	8	28	3.50	28.00	135.240
17	8	25	7.50	60.00	231.000
18	4	25	6.30	25.20	97.020
19	12	25	6.30	75.60	291.060
20	12	25	3.00	36.00	138.600
21	4	25	3.10	12.40	47.740
22	78	10	2.02	157.56	97.215
23	64	10	1.62	103.68	63.971
24	64	10	1.36	87.04	53.704

### Całk. ilość stali

d(mm)	całk.dł	kg/m	masa(kg)
8	1701.96	0.395	672.274
10	348.28	0.617	214.889
12	1887.76	0.888	1676.331
14	976.80	1.210	1181.928
16	1525.20	1.580	2409.816
25	209.20	3.850	805.420
28	762.40	4.830	3682.392
masa całk. (kg)			10643.050

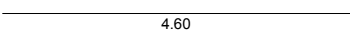
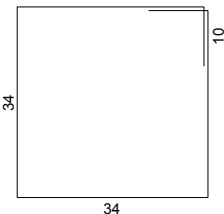
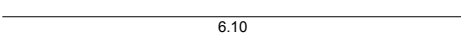
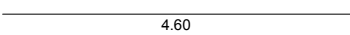
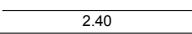

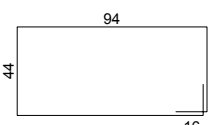
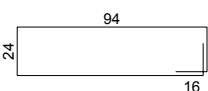
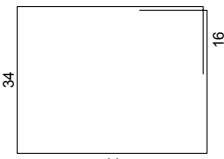
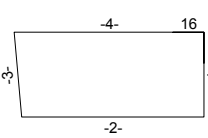
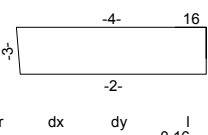
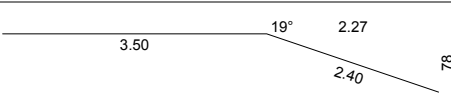
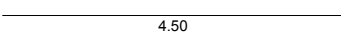
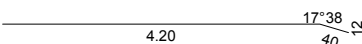
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### WYKAZ FORM GIĘCIA PRĘTÓW ZBROJ. Klasa stali: 500S

Poz.	szt.	d	długość	db ds	typ	forma gięcia	suma dł.	ciężar kg																									
1	252	16	4.60		A1		1159.20	1831.536																									
2	1091	8	1.56		B2		1701.96	672.274																									
3	60	16	6.10		A1		366.00	578.280																									
4	204	14	4.60		A1		938.40	1135.464																									
5	16	14	2.40		A1		38.40	46.464																									
6	56	28	6.40		C2		358.40	1731.072																									
7	138	12	3.08		B2		425.04	377.436																									
8	112	12	2.68		B2		300.16	266.542																									
9	224	12	1.88		B2		421.12	373.955																									
10	140	12	3.12		X1	 <table><tr><th>Nr</th><th>dx</th><th>dy</th><th>l</th><th>α°</th></tr><tr><td>1</td><td>0.00</td><td>-0.44</td><td>0.16</td><td>-90</td></tr><tr><td>2</td><td>-0.94</td><td>-0.00</td><td>0.94</td><td>-85</td></tr><tr><td>3</td><td>-0.04</td><td>0.44</td><td>0.44</td><td>-95</td></tr><tr><td>4</td><td>0.98</td><td>-0.00</td><td>0.98</td><td>-90</td></tr></table>	Nr	dx	dy	l	α°	1	0.00	-0.44	0.16	-90	2	-0.94	-0.00	0.94	-85	3	-0.04	0.44	0.44	-95	4	0.98	-0.00	0.98	-90	436.80	387.878
Nr	dx	dy	l	α°																													
1	0.00	-0.44	0.16	-90																													
2	-0.94	-0.00	0.94	-85																													
3	-0.04	0.44	0.44	-95																													
4	0.98	-0.00	0.98	-90																													
11	112	12	2.72		X1	 <table><tr><th>Nr</th><th>dx</th><th>dy</th><th>l</th><th>α°</th></tr><tr><td>1</td><td>0.00</td><td>-0.24</td><td>0.16</td><td>-90</td></tr><tr><td>2</td><td>-0.95</td><td>0.00</td><td>0.95</td><td>-85</td></tr><tr><td>3</td><td>-0.02</td><td>0.24</td><td>0.24</td><td>-95</td></tr><tr><td>4</td><td>0.97</td><td>-0.00</td><td>0.97</td><td>-90</td></tr></table>	Nr	dx	dy	l	α°	1	0.00	-0.24	0.16	-90	2	-0.95	0.00	0.95	-85	3	-0.02	0.24	0.24	-95	4	0.97	-0.00	0.97	-90	304.64	270.520
Nr	dx	dy	l	α°																													
1	0.00	-0.24	0.16	-90																													
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19	12	25	6.30		A1		75.60	291.060
20	12	25	3.00		A1		36.00	138.600
21	4	25	3.10		C1		12.40	47.740
22	78	10	2.02		B2		157.56	97.215
23	64	10	1.62		B2		103.68	63.971
24	64	10	1.36		B2		87.04	53.704

masa całk. (kg) 10643.050