

Projekt: 2007-052 wydział Biologii Uniwersytetu Gdańskiego

/ K-301a

### Dane projektu

Tytuł : Wydział Biologii Uniwersytetu Gdańskiego  
Element : Słupy w poziomie P3  
Inwestor : Uniwersytet Gdański, 80-952 Gdańsk ul. Jana Bażyńskiego 1A  
Rys nr : K-301a  
Data : 30.06.2008

### WYKAZ STALI ZBROJENIOWEJ klasa stali: 500S

Poz.	Nr	d	Długość	całk.dł	masa(kg)
1	1248	14	4.70	5865.60	7097.376
2	2484	8	1.56	3875.04	1530.641
3	44	28	3.85	169.40	818.202
4	24	28	7.00	168.00	811.440
5	24	28	7.00	168.00	811.440
6	88	10	3.02	265.76	163.974
7	84	10	2.62	220.08	135.789
8	160	10	1.82	291.20	179.670
9	36	28	3.95	142.20	686.826
10	24	28	7.10	170.40	823.032
11	16	28	7.10	113.60	548.688
12	42	10	3.12	131.04	80.852
13	38	10	2.72	103.36	63.773
14	42	10	3.16	132.72	81.888
15	38	10	2.76	104.88	64.711
16	8	16	5.40	43.20	68.256
17	16	16	5.40	86.40	136.512
18	156	8	1.78	277.68	109.684
19	52	8	1.38	71.76	28.345
20	52	8	1.24	64.48	25.470
21	32	14	5.40	172.80	209.088
22	32	14	4.30	137.60	166.496
23	216	10	1.64	354.24	218.566
24	16	16	4.80	76.80	121.344
25	48	16	4.80	230.40	364.032
26	92	8	1.32	121.44	47.969

### Całk. ilość stali

d(mm)	całk.dł	kg/m	masa(kg)
8	4410.40	0.395	1742.108
10	1603.28	0.617	989.224
14	6176.00	1.210	7472.960
16	436.80	1.580	690.144
28	931.60	4.830	4499.628
masa całk. (kg)			15394.064

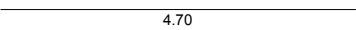
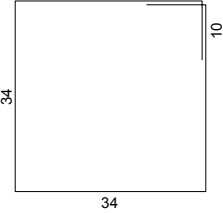
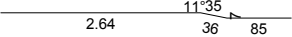
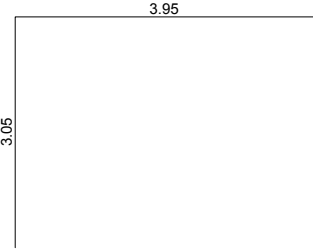
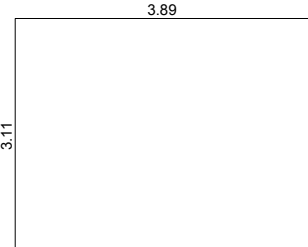
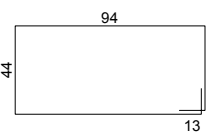
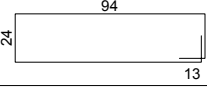
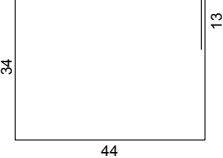

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Rys nr : K-301a  
Data : 30.06.2008

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

Poz.	szt.	d	długość	dbr ds	typ	forma gięcia	suma dł.	ciężar kg
1	1248	14	4.70		A1		5865.60	7097.376
2	2484	8	1.56		B2		3875.04	1530.641
3	44	28	3.85		C2		169.40	818.202
4	24	28	7.00	15	A2		168.00	811.440
5	24	28	7.00	15	A2		168.00	811.440
6	88	10	3.02		B2		265.76	163.974
7	84	10	2.62		B2		220.08	135.789
8	160	10	1.82		B2		291.20	179.670
9	36	28	3.95		C2		142.20	686.826

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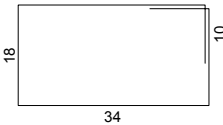
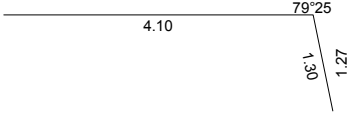
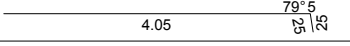
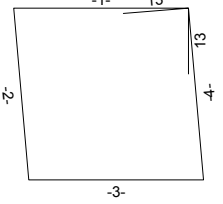
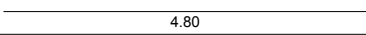

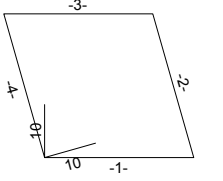
WYKAZ FORM GIĘCIA PRĘTÓW ZBROJ. Klasa stali: 500S

Poz.	szt.	d	długość	dbr ds	typ	forma gięcia	suma dl.	ciężar kg
10	24	28	7.10	15	C1		170.40	823.032
11	16	28	7.10	15	C1		113.60	548.688
12	42	10	3.12		B2		131.04	80.852
13	38	10	2.72		B2		103.36	63.773
14	42	10	3.16		X1	<p>Nr dx dy l v°</p> <p>1 0.00 -0.44 0.44 -90</p> <p>2 -0.99 -0.00 0.99 -85</p> <p>3 -0.04 0.44 0.44 -95</p> <p>4 1.03 -0.00 1.03 -90</p>	132.72	81.888
15	38	10	2.76		X1	<p>Nr dx dy l v°</p> <p>1 0.00 -0.24 0.24 -90</p> <p>2 -1.00 -0.00 1.00 -85</p> <p>3 -0.02 0.24 0.24 -95</p> <p>4 1.02 -0.00 1.02 -90</p>	104.88	64.711
16	8	16	5.40		C2		43.20	68.256
17	16	16	5.40		A1		86.40	136.512
18	156	8	1.78		B2		277.68	109.684
19	52	8	1.38		B2		71.76	28.345

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WYKAZ FORM GIĘCIA PRĘTÓW ZBROJ. Klasa stali: 500S

Poz.	szt.	d	długość	dbr ds	typ	forma gięcia	suma dł.	ciężar kg																									
20	52	8	1.24		B2	 ką 0 stopni	64.48	25.470																									
21	32	14	5.40	15	C1		172.80	209.088																									
22	32	14	4.30		C1		137.60	166.496																									
23	216	10	1.64		X1	 <table><tr><th>Nr</th><th>dx</th><th>dy</th><th>l</th><th>α°</th></tr><tr><td>1</td><td>-0.35</td><td>0.00</td><td>0.35</td><td>95</td></tr><tr><td>2</td><td>0.03</td><td>-0.34</td><td>0.34</td><td>85</td></tr><tr><td>3</td><td>0.35</td><td>0.00</td><td>0.35</td><td>95</td></tr><tr><td>4</td><td>-0.03</td><td>0.34</td><td>0.34</td><td>90</td></tr></table>	Nr	dx	dy	l	α°	1	-0.35	0.00	0.35	95	2	0.03	-0.34	0.34	85	3	0.35	0.00	0.35	95	4	-0.03	0.34	0.34	90	354.24	218.566
Nr	dx	dy	l	α°																													
1	-0.35	0.00	0.35	95																													
2	0.03	-0.34	0.34	85																													
3	0.35	0.00	0.35	95																													
4	-0.03	0.34	0.34	90																													
24	16	16	4.80		A1		76.80	121.344																									
25	48	16	4.80		C2		230.40	364.032																									
26	92	8	1.32		X1	 <table><tr><th>Nr</th><th>dx</th><th>dy</th><th>l</th><th>α°</th></tr><tr><td>1</td><td>0.28</td><td>-0.00</td><td>0.28</td><td>106</td></tr><tr><td>2</td><td>-0.08</td><td>0.27</td><td>0.28</td><td>74</td></tr><tr><td>3</td><td>-0.28</td><td>0.00</td><td>0.28</td><td>106</td></tr><tr><td>4</td><td>0.08</td><td>-0.27</td><td>0.28</td><td>90</td></tr></table>	Nr	dx	dy	l	α°	1	0.28	-0.00	0.28	106	2	-0.08	0.27	0.28	74	3	-0.28	0.00	0.28	106	4	0.08	-0.27	0.28	90	121.44	47.969
Nr	dx	dy	l	α°																													
1	0.28	-0.00	0.28	106																													
2	-0.08	0.27	0.28	74																													
3	-0.28	0.00	0.28	106																													
4	0.08	-0.27	0.28	90																													

masa całk. (kg) 15394.064