

Projekt: 2007-052 Wydział Biologii Uniwersytetu Gdańskiego

/ K-F06a

Dane projektu

Tytuł : Wydział Biologii Uniwersytetu Gdańskiego
Element : Kanał
Inwestor : Uniwersytet Gdański, 80-952 Gdańsk ul. Jana Bażyńskiego 1A
Rys nr : K-F06a
Data : 02.07.2008

WYKAZ STALI ZBROJENIOWEJ Klasa stali: 500S

Poz.	Nr	d	D ³ ugoc ^æ	ca ³ k.d ³	masa(kg)
1	mb	12	2850.00	2850.00	2530.800
2	mb	10	11600.00	11600.00	7157.200
3	1997	12	2.90	5791.30	5142.674
4	1997	10	2.10	4193.70	2587.513
5	990	10	2.00	1980.00	1221.660
6	990	10	1.30	1287.00	794.079
7	1990	10	1.80	3582.00	2210.094
8	2099	10	1.50	3148.50	1942.624
9	515	10	1.80	927.00	571.959
10	64	12	1.70	108.80	96.614
11	16	12	1.70	27.20	24.154
12	16	12	1.70	27.20	24.154
13	4	12	2.50	10.00	8.880
14	4	12	2.00	8.00	7.104
15	7	10	1.20	8.40	5.183
16	8	12	2.20	17.60	15.629
17	112	10	2.20	246.40	152.029
18	7	10	3.20	22.40	13.821
19	2	12	2.51	5.02	4.458
20	2	12	2.01	4.02	3.570
21	8	12	2.80	22.40	19.891
22	4	10	2.40	9.60	5.923
23	8	12	1.70	13.60	12.077
24	430	8	0.29	124.70	49.257
25	54	12	2.00	108.00	95.904
26	96	12	3.35	321.60	285.581
27	27	12	2.00	54.00	47.952
28	48	12	2.25	108.00	95.904
29	54	12	4.10	221.40	196.603
30	51	12	3.50	178.50	158.508
31	126	12	2.40	302.40	268.531
32	48	10	2.30	110.40	68.117

Ca³k. ilo^æ stali

d(mm)	ca ³ k.d ³	kg/m	masa(kg)
8	124.70	0.395	49.257
10	27115.40	0.617	16730.201
12	10179.04	0.888	9038.988

masa ca³k. (kg) 25818.446

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Tytuł : Wydział Biologii Uniwersytetu Gdańskiego

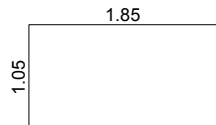
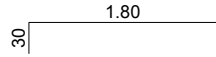
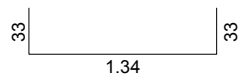
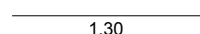
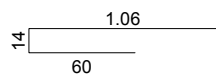
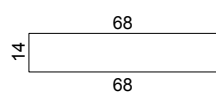
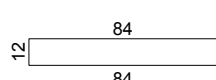
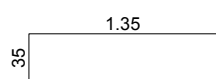
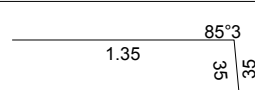
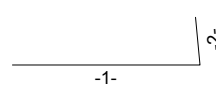
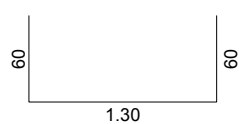
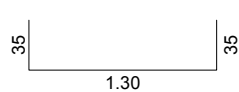
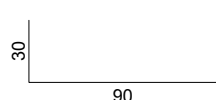
Element : Kanał

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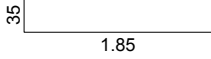
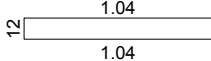
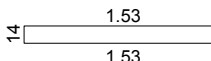
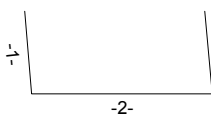
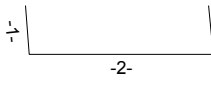
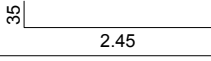
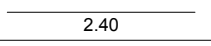
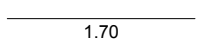
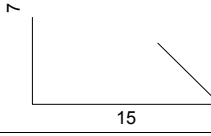
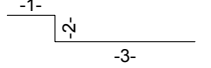
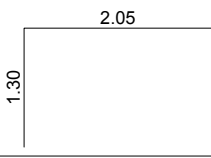
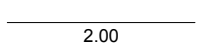
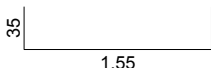
WYKAZ FORM GIĘCIA PRĘTÓW ZBROJ. Klasa stali: 500S

Poz.	szt.	d	długość	dbr ds	typ	forma gięcia	suma dł.	ciężar kg															
1	mb	12	2850.00		VE		2850.00	2530.800															
2	mb	10	11600.00		VE		11600.00	7157.200															
3	1997	12	2.90		A2		5791.30	5142.674															
4	1997	10	2.10		A2		4193.70	2587.513															
5	990	10	2.00		A3		1980.00	1221.660															
6	990	10	1.30		A1		1287.00	794.079															
7	1990	10	1.80		A3		3582.00	2210.094															
8	2099	10	1.50		A3		3148.50	1942.624															
9	515	10	1.80		A3		927.00	571.959															
10	64	12	1.70		A2		108.80	96.614															
11	16	12	1.70		C1		27.20	24.154															
12	16	12	1.70		X1	 <div><div>Nr</div><table><tr><td>1</td><td>dx</td><td>dy</td><td>l</td><td>α°</td></tr><tr><td>1</td><td>1.35</td><td>-0.00</td><td>1.35</td><td>95</td></tr><tr><td>2</td><td>-0.03</td><td>0.35</td><td>0.35</td><td></td></tr></table></div>	1	dx	dy	l	α°	1	1.35	-0.00	1.35	95	2	-0.03	0.35	0.35		27.20	24.154
1	dx	dy	l	α°																			
1	1.35	-0.00	1.35	95																			
2	-0.03	0.35	0.35																				
13	4	12	2.50		A3		10.00	8.880															
14	4	12	2.00		A3		8.00	7.104															
15	7	10	1.20		A2		8.40	5.183															

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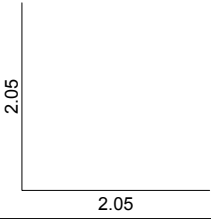
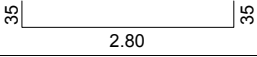
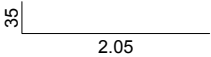
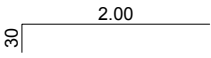
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Poz.	szt.	d	długość	dbr ds	typ	forma gięcia	suma dł.	ciężar kg																				
16	8	12	2.20		A2		17.60	15.629																				
17	112	10	2.20		A3		246.40	152.029																				
18	7	10	3.20		A3		22.40	13.821																				
19	2	12	2.51		X1	 <table><tr><th>Nr</th><th>dx</th><th>dy</th><th>l</th><th>>°</th></tr><tr><td>1</td><td>0.05</td><td>-0.60</td><td>0.60</td><td>85</td></tr><tr><td>2</td><td>1.31</td><td>0.00</td><td>1.31</td><td>95</td></tr><tr><td>3</td><td>-0.05</td><td>0.60</td><td>0.60</td><td></td></tr></table>	Nr	dx	dy	l	>°	1	0.05	-0.60	0.60	85	2	1.31	0.00	1.31	95	3	-0.05	0.60	0.60		5.02	4.458
Nr	dx	dy	l	>°																								
1	0.05	-0.60	0.60	85																								
2	1.31	0.00	1.31	95																								
3	-0.05	0.60	0.60																									
20	2	12	2.01		X1	 <table><tr><th>Nr</th><th>dx</th><th>dy</th><th>l</th><th>>°</th></tr><tr><td>1</td><td>0.03</td><td>-0.35</td><td>0.35</td><td>85</td></tr><tr><td>2</td><td>1.31</td><td>0.00</td><td>1.31</td><td>95</td></tr><tr><td>3</td><td>-0.03</td><td>0.35</td><td>0.35</td><td></td></tr></table>	Nr	dx	dy	l	>°	1	0.03	-0.35	0.35	85	2	1.31	0.00	1.31	95	3	-0.03	0.35	0.35		4.02	3.570
Nr	dx	dy	l	>°																								
1	0.03	-0.35	0.35	85																								
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25	54	12	2.00		X1	 <table><tr><th>Nr</th><th>dx</th><th>dy</th><th>l</th><th>>°</th></tr><tr><td>1</td><td>0.45</td><td>0.00</td><td>0.45</td><td>-90</td></tr><tr><td>2</td><td>0.00</td><td>-0.25</td><td>0.25</td><td>90</td></tr><tr><td>3</td><td>1.30</td><td>0.00</td><td>1.30</td><td></td></tr></table>	Nr	dx	dy	l	>°	1	0.45	0.00	0.45	-90	2	0.00	-0.25	0.25	90	3	1.30	0.00	1.30		108.00	95.904
Nr	dx	dy	l	>°																								
1	0.45	0.00	0.45	-90																								
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30	51	12	3.50		A3		178.50	158.508
31	126	12	2.40		A2		302.40	268.531
32	48	10	2.30		A2		110.40	68.117

masa całk. (kg) 25818.445