Projekt: 2007-052 Wydzial Biologii Uniwersytetu Gdańskiego / K-410

Dane projektu
Tytuł : Wydzial Biologii Uniwersytetu Gdańskiego
Element : Ściany w poziomie P4 w osiach P-W/2-8
Inwestor : Uniwersytet Gdański, 80-952 Gdańsk ul. Jana Bażyńskiego 1A
Rys Nr : K-410
Data : 31.03.2008

WYKAZ STALI ZBROJENIOWEJ Klasa stali: BST 500 SA

Poz.	szt.	d	Długość	całk.dł	masa(kg)	
1	8	14	8.20	65.60	79.376	
2	17	12	1.90	32.30	28.682	
3	94	10	1.60	150.40	92.797	
4	2	12	3.60	7.20	6.394	
5	20	10	2.20	44.00	27.148	
6	3	14	2.40	7.20	8.712	
7	4	12	2.40	9.60	8.525	
8	2	14	4.00	8.00	9.680	
9	4	14	3.30	13.20	15.972	
10	86	10	1.90	163.40	100.818	
11	10	10	2.00	20.00	12.340	
12	322	12	4.80	1545.60	1372.493	
13	4	14	3.20	12.80	15.488	
14	84	10	1.26	105.84	65.303	
15	108	10	6.70	723.60	446.461	
16	6	12	4.00	24.00	21.312	
17	30	8	12.00	360.00	142.200	
18	44	14	5.20	228.80	276.848	
19	16	10	1.60	25.60	15.795	
20	42	10	3.00	126.00	77.742	
21	15	10	0.84	12.60	7.774	
22	3	14	2.70	8.10	9.801	
23	22	12	1.50	33.00	29.304	
24	4	12	2.03	8.12	7.211	średnio
25	4	14	4.60	18.40	22.264	
26	2	14	3.60	7.20	8.712	
27	3	20	3.43	10.29	25.416	
28	4	14	7.30	29.20	35.332	
29	34	8	1.80	61.20	24.174	
30	10	12	2.97	29.70	26.374	średnio
31	4	14	1.75	7.00	8.470	
32	360	6	0.27	97.20	21.578	
33	108	8	2.20	237.60	93.852	
34	4	14	12.00	48.00	58.080	
35	4	14	6.40	25.60	30.976	
36	8	10	12.00	96.00	59.232	
37	8	10	5.30	42.40	26.161	
38	34	10	2.70	91.80	56.641	
39	3	20	2.20	6.60	16.302	
40	32	10	3.80	121.60	75.027	
41	4	14	5.10	20.40	24.684	
42	145	10	1.70	246.50	152.090	
43	110	8	3.50	385.00	152.075	
44	4	14	1.90	7.60	9.196	
45	38	8	2.70	102.60	40.527	
46	4	14	4.80	19.20	23.232	
47	5	20	9.00	45.00	111.150	
48	14	12	1.40	19.60	17.405	
49	18	10	2.40	43.20	26.654	
50	30	8	5.20	156.00	61.620	
51	14	8	3.80	53.20	21.014	
52	5	20	9.30	46.50	114.855	
53	30	8	3.40	102.00	40.290	
54	4	14	2.00	8.00	9.680	
55	3	20	12.00	36.00	88.920	
56	3	20	5.75	17.25	42.608	
57	20	8	1.90	38.00	15.010	
58	108	8	1.24	133.92	52.898	
59	4	16	4.10	16.40	25.912	
60	108	8	0.81	87.48	34.555	
61	4	14	4.20	16.80	20.328	
62	14	8	2.20	30.80	12.166	

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Projekt: 2007-052 Wydzial Biologii Uniwersytetu Gdańskiego / K-410

WYKAZ STALI ZBROJENIOWEJ Klasa stali: BST 500 SA

Poz.	szt.	d	Długość	całk.dł	masa(kg)
63	4	12	2.30	9.20	8.170
64	20	8	4.10	82.00	32.390
65	22	10	3.60	79.20	48.866
66	3	20	4.40	13.20	32.604
67	3	20	4.45	13.35	32.975
68	2	12	1.50	3.00	2.664
69	27	10	1.70	45.90	28.320
70	47	10	1.60	75.20	46.398

Całk. ilość stali

d(mm)	całk.dł	kg/m	masa(kg)
6	97.20	0.222	21.578
8	1829.80	0.395	722.771
10	2213.24	0.617	1365.569
12	1721.32	0.888	1528.532
14	551.10	1.210	666.831
16	16.40	1.580	25.912
20	188.19	2.470	464.829
masa całk. (kg)			4796.022

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Projekt: 2007-052 Wydzial Biologii Uniwersytetu Gdańskiego / K-410

Dane projektu

Tytuł : Wydzial Biologii Uniwersytetu Gdańskiego
Element : Ściany w poziomie P4 w osiach P-W/2-8
Inwestor : Uniwersytet Gdański, 80-952 Gdańsk ul. Jana Bażyńskiego 1A
Rys Nr : K-410
Data : 31.03.2008

ELEMENTY DO WBUDOWANIA

Poz.	ilość	jednostka	opis	materiał	Bestellnummer
1	7	mb	HBT 150 - 12/15 TYP 5 A IIIN		

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Projekt: 2007-052 Wydzial Biologii Uniwersytetu Gdańskiego / K-410

Dane projektu

Tytuł : Wydzial Biologii Uniwersytetu Gdańskiego
Element : Ściany w poziomie P4 w osiach P-W/2-8
Inwestor : Uniwersytet Gdański, 80-952 Gdańsk ul. Jana Bażyńskiego 1A
Rys Nr : K-410
Data : 31.03.2008

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

Poz.	Szt.	d	długość	dbr ds	Typ	forma gięcia	suma dł.	ciężar kg
1	8	14	8.20		A2	40 / 7.80	65.60	79.376
2	17	12	1.90		A3	89 / 12 / 89	32.30	28.682
3	94	10	1.60		A3	73 / 14 / 73	150.40	92.797
4	2	12	3.60		A1	3.60	7.20	6.394
5	20	10	2.20		A1	2.20	44.00	27.148
6	3	14	2.40		A1	2.40	7.20	8.712
7	4	12	2.40		A1	2.40	9.60	8.525
8	2	14	4.00		A1	4.00	8.00	9.680
9	4	14	3.30		A2	40 / 2.90	13.20	15.972
10	86	10	1.90		A1	1.90	163.40	100.818
11	10	10	2.00		A3	93 / 14 / 93	20.00	12.340
12	322	12	4.80		A1	4.80	1545.60	1372.493
13	4	14	3.20		A3	40 / 2.40 / 40	12.80	15.488
14	84	10	1.26		A3	56 / 14 / 56	105.84	65.303
15	108	10	6.70		A1	6.70	723.60	446.461
16	6	12	4.00		A1	4.00	24.00	21.312
17	30	8	12.00		A1	12.00	360.00	142.200
18	44	14	5.20		A1	5.20	228.80	276.848
19	16	10	1.60		A1	1.60	25.60	15.795
20	42	10	3.00		A1	3.00	126.00	77.742

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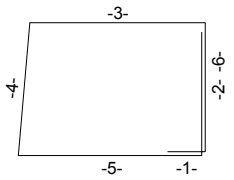
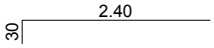
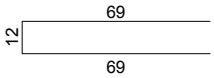
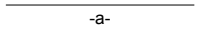
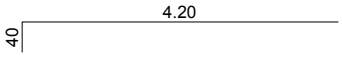
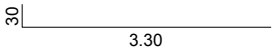
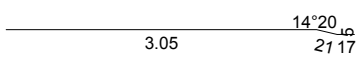
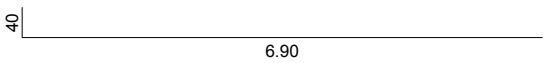
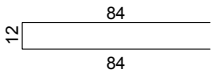
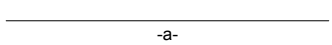
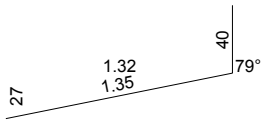
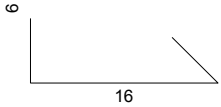
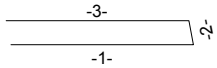
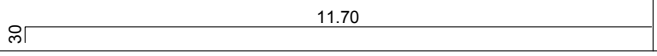
Projekt: 2007-052 Wydzial Biologii Uniwersytetu Gdańskiego / K-410

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

Poz.	Szt.	d	długość	dbr ds	Typ	forma gięcia	suma dł.	ciężar kg
21	15	10	0.84		X1	 Nr. dx dy l >° 1 0.04 -0.00 0.04 90 2 0.00 0.14 0.14 90 3 -0.19 0.00 0.19 85 4 -0.01 -0.14 0.14 95 5 0.20 -0.00 0.20 90 6 0.00 0.13 0.13	12.60	7.774
22	3	14	2.70		A2		8.10	9.801
23	22	12	1.50		A3		33.00	29.304
24	4	12	2.03		A1	 Pos. Stk. Länge -a- 1 2 1.65 1.65 2 2 2.40 2.40	8.12	7.211
25	4	14	4.60		A2		18.40	22.264
26	2	14	3.60		A2		7.20	8.712
27	3	20	3.43		C2		10.29	25.416
28	4	14	7.30		A2		29.20	35.332
29	34	8	1.80		A3		61.20	24.174
30	10	12	2.97		A1	 Pos. Stk. Länge -a- 1 2 4.28 4.28 2 2 3.63 3.63 3 2 2.97 2.97 4 2 2.32 2.32 5 2 1.66 1.66	29.70	26.374
31	4	14	1.75		C1		7.00	8.470
32	360	6	0.27		D1		97.20	21.578
33	108	8	2.20		X1	 Nr. dx dy l >° 1 1.03 -0.00 1.03 101 2 -0.03 0.14 0.14 79 3 -1.03 0.00 1.03	237.60	93.852
34	4	14	12.00		A2		48.00	58.080

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

Poz.	Szt.	d	długość	dbr ds	Typ	forma gięcia	suma dł.	ciężar kg
35	4	14	6.40		A2	30 / 6.10	25.60	30.976
36	8	10	12.00		A1	12.00	96.00	59.232
37	8	10	5.30		A1	5.30	42.40	26.161
38	34	10	2.70		A1	2.70	91.80	56.641
39	3	20	2.20		C2	1.78 11°25 25 17	6.60	16.302
40	32	10	3.80		A1	3.80	121.60	75.027
41	4	14	5.10		C1	4.70 79°8 40 39	20.40	24.684
42	145	10	1.70		X1	-3- -2- -1-	246.50	152.090
						Nr. dx dy l >°		
						1 -0.78 0.00 0.78 -85		
						2 -0.01 0.14 0.14 -95		
						3 0.78 0.00 0.78		
43	110	8	3.50		X1	-3- -2- -1-	385.00	152.075
						Nr. dx dy l >°		
						1 -1.68 -0.00 1.68 -79		
						2 -0.03 0.14 0.14 -101		
						3 1.68 0.00 1.68		
44	4	14	1.90		A1	1.90	7.60	9.196
45	38	8	2.70		A3	1.28 14 1.28	102.60	40.527
46	4	14	4.80		A1	4.80	19.20	23.232
47	5	20	9.00		A1	9.00	45.00	111.150
48	14	12	1.40		A1	1.40	19.60	17.405
49	18	10	2.40		A1	2.40	43.20	26.654
50	30	8	5.20		A1	5.20	156.00	61.620
51	14	8	3.80		A1	3.80	53.20	21.014
52	5	20	9.30		C2	1.50 11°25 25 7.55	46.50	114.855
53	30	8	3.40		A3	1.63 14 1.63	102.00	40.290
54	4	14	2.00		A3	94 12 94	8.00	9.680
55	3	20	12.00		A1	12.00	36.00	88.920
56	3	20	5.75		C2	1.05 11°25 25 4.45	17.25	42.608
57	20	8	1.90		A1	1.90	38.00	15.010

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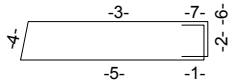
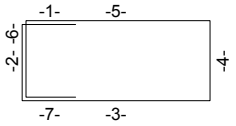
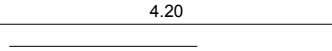
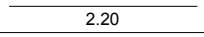
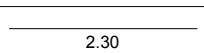
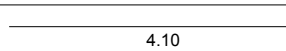
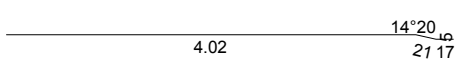
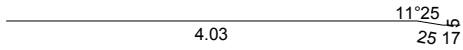
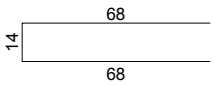
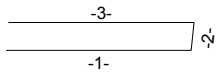
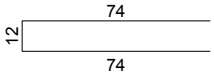
WYKAZ FORM GIĘCIA PRĘTÓW ZBROJ. Klasa stali: BST 500 SA

Poz.	Szt.	d	długość	dbr ds	Typ	forma gięcia	suma dł.	ciężar kg
58	108	8	1.24		X1	 Nr. dx dy l >° 1 0.06 0.00 0.06 90 2 0.00 0.09 0.09 90 3 -0.42 0.00 0.42 79 4 -0.02 -0.09 0.09 101 5 0.43 0.00 0.43 90 6 0.00 0.09 0.09 90 7 -0.06 0.00 0.06	133.92	52.898
59	4	16	4.10		A3		16.40	25.912
60	108	8	0.81		X1	 Nr. dx dy l >° 1 -0.06 0.00 0.06 90 2 0.00 -0.09 0.09 90 3 0.21 0.00 0.21 90 4 0.00 0.09 0.09 90 5 -0.21 0.00 0.21 90 6 0.00 -0.09 0.09 90 7 0.06 0.00 0.06	87.48	34.555
61	4	14	4.20		A1		16.80	20.328
62	14	8	2.20		A1		30.80	12.166
63	4	12	2.30		A1		9.20	8.170
64	20	8	4.10		A1		82.00	32.390
65	22	10	3.60		A1		79.20	48.866
66	3	20	4.40		C2		13.20	32.604
67	3	20	4.45		C2		13.35	32.975
68	2	12	1.50		A3		3.00	2.664
69	27	10	1.70		X1	 Nr. dx dy l >° 1 0.79 0.00 0.79 85 2 0.01 0.12 0.12 95 3 -0.79 0.00 0.79	45.90	28.320
70	47	10	1.60		A3		75.20	46.398

masa całk. (kg) 4796.023

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