

Project: 307-1-2024 MOST STRNIŠA

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Project data

Title : MOST STRNIŠA
 Content : Pilotna greda, oporniki, preklada, krila
 Plan No. : 3

Die Gesamtlängen der Auszüge beziehen sich auf Außenmaße

B A R S C H E D U L E Steelgrade: B500B

Pos.	No.	d	Length	D8	D10	D12	D14	D16	D20
1	210	20	3.46						726.60
2	130	20	6.35						825.50
3	119	20	5.24						623.56
4	119	14	3.18				378.42		
5	28	20	10.60						296.80
6	40	16	2.26					90.40	
7	16	16	2.76					44.16	
8	44	20	10.16						447.04
9	86	14	2.35				202.10		
10	28	16	3.27*					91.56	
11	14	16	6.28					87.92	
12	92	16	2.10					193.20	
13	200	14	2.68				536.00		
14	64	14	-1.92*				-122.88		
15	30	20	4.01						120.30
16	28	20	4.45						124.60
17	56	16	1.60*					89.60	
18	96	16	-1.85*					-177.60	
19	119	16	1.92					228.48	
20	67	20	7.94						531.98
21	61	16	7.96					485.56	
22	54	20	7.83						422.82
23	54	16	8.90					480.60	
24	0	12	3.80			0.00			
25	54	16	1.93					104.22	
26	54	16	1.98					106.92	
27	140	12	1.86			260.40			
28	70	10	0.92		64.40				
29	70	10	0.56		39.20				
30	60	8	0.48	28.80					
31	28	20	11.50						322.00
32	44	20	10.90						479.60
33	108	10	3.86		416.88				

* = in average

Total lengths				28.80	520.48	260.40	993.64	1825.02	4920.80
kg / m				D8 0.395	D10 0.617	D12 0.888	D14 1.210	D16 1.580	D20 2.470
kg / d				11.376	321.136	231.235	1202.304	2883.532	12154.376

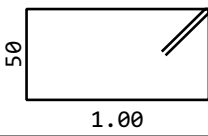
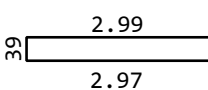
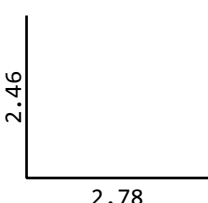
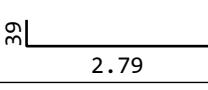
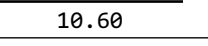
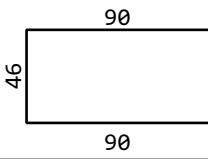
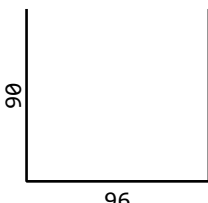
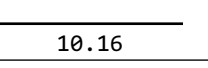
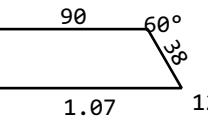
Total weight (kg) 16803.959

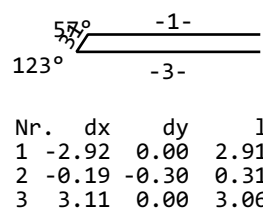
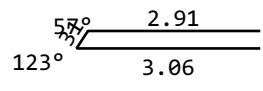
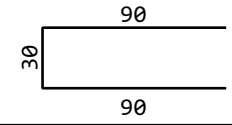
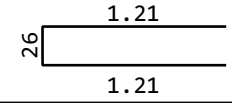
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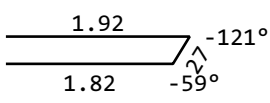
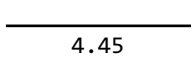
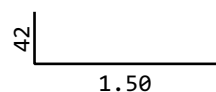
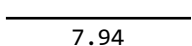
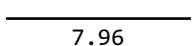
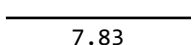
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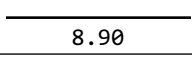
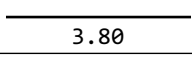
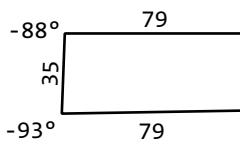
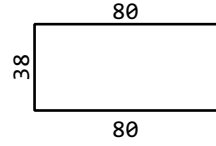
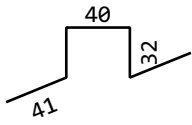
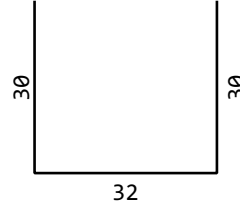
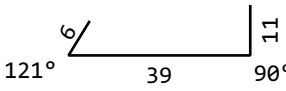
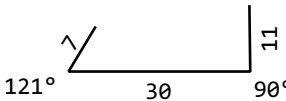
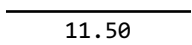
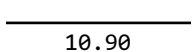
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B A R B E N D I N G S C H E D U L E Steelgrade: B500B																													
Pos.	No.	d	Length	dbr ds	Type	shape code	Tot.L	Weight kg																					
1	210	20	3.46	7	B1	 Hooklength=23.0	726.60	1794.702																					
2	130	20	6.35	7	A3		825.50	2038.985																					
3	119	20	5.24	7	A2		623.56	1540.193																					
4	119	14	3.18	4	A2		378.42	457.888																					
5	28	20	10.60	7	A1		296.80	733.096																					
6	40	16	2.26	4	A3		90.40	142.832																					
7	16	16	2.76	4	A3		44.16	69.773																					
8	44	20	10.16	7	A1		447.04	1104.189																					
9	86	14	2.35	4	X1	 <table border="1" data-bbox="566 1836 877 1937"> <thead> <tr> <th>Nr.</th> <th>dx</th> <th>dy</th> <th>l</th> <th>>°</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>1.11</td> <td>0.00</td> <td>1.07</td> <td>120</td> </tr> <tr> <td>2</td> <td>-0.21</td> <td>0.36</td> <td>0.38</td> <td>60</td> </tr> <tr> <td>3</td> <td>-0.90</td> <td>-0.00</td> <td>0.90</td> <td></td> </tr> </tbody> </table>	Nr.	dx	dy	l	>°	1	1.11	0.00	1.07	120	2	-0.21	0.36	0.38	60	3	-0.90	-0.00	0.90		202.10	244.541	
Nr.	dx	dy	l	>°																									
1	1.11	0.00	1.07	120																									
2	-0.21	0.36	0.38	60																									
3	-0.90	-0.00	0.90																										

BAR BENDING SCHEDULE Steelgrade: B500B								
Pos.	No.	d	Length	dbr. ds	Type	shape code	Tot.L	Weight kg
10	28	16	--	4	X1	 <p>Nr. dx dy l >° 1 -2.92 0.00 2.91 57 2 -0.19 -0.30 0.31 123 3 3.11 0.00 3.06</p> <p>Pos. No. Length -1- -3- 1 2 1.07 0.40 0.36 2 2 1.41 0.57 0.53 3 2 1.75 0.74 0.70 4 2 2.09 0.91 0.87 5 2 2.43 1.08 1.04 6 2 2.77 1.25 1.21 7 2 3.11 1.42 1.38 8 2 3.43 1.58 1.54 9 2 3.77 1.75 1.71 10 2 4.11 1.92 1.88 11 2 4.45 2.09 2.05 12 2 4.79 2.26 2.22 13 2 5.13 2.43 2.39 14 2 5.47 2.60 2.56</p>	91.56	144.665
11	14	16	6.28	4	X1	 <p>Nr. dx dy l >° 1 -2.92 0.00 2.91 57 2 -0.19 -0.30 0.31 123 3 3.11 0.00 3.06</p>	87.92	138.914
12	92	16	2.10	4	A3		193.20	305.256
13	200	14	2.68	4	A3		536.00	648.560
14	64	14	--	4	A1	<p>-a-</p> <p>Pos. No. Length -a- 1 4 -1.00 -1.00 2 4 -1.12 -1.12 3 4 -1.25 -1.25 4 4 -1.37 -1.37 5 4 -1.49 -1.49 6 4 -1.62 -1.62 7 4 -1.74 -1.74 8 4 -1.86 -1.86 9 4 -1.99 -1.99 10 4 -2.11 -2.11 11 4 -2.23 -2.23 12 4 -2.36 -2.36 13 4 -2.48 -2.48 14 4 -2.60 -2.60 15 4 -2.73 -2.73 16 4 -2.85 -2.85</p>	-122.88	148.685

B A R B E N D I N G S C H E D U L E Steelgrade: B500B								
Pos.	No.	d	Length	dbr. ds	Type	shape code	Tot.L	Weight kg
15	30	20	4.01	7	X1	 <p>Nr. dx dy l >° 1 2.00 0.00 1.92 -121 2 -0.18 -0.30 0.27 -59 3 -1.82 0.00 1.82</p>	120.30	297.141
16	28	20	4.45	7	A1		124.60	307.762
17	56	16	--	4	A1	<p>-a-</p> <p>Pos.No.Length -a-</p> <p>1 4 0.40 0.40 2 4 0.58 0.58 3 4 0.77 0.77 4 4 0.95 0.95 5 4 1.14 1.14 6 4 1.32 1.32 7 4 1.51 1.51 8 4 1.69 1.69 9 4 1.88 1.88 10 4 2.06 2.06 11 4 2.25 2.25 12 4 2.43 2.43 13 4 2.62 2.62 14 4 2.80 2.80</p>	89.60	141.568
18	96	16	--	4	A1	<p>-a-</p> <p>Pos.No.Length -a-</p> <p>1 4 -1.00 -1.00 2 4 -1.07 -1.07 3 4 -1.15 -1.15 4 4 -1.22 -1.22 5 4 -1.30 -1.30 6 4 -1.37 -1.37 7 4 -1.44 -1.44 8 4 -1.52 -1.52 9 4 -1.59 -1.59 10 4 -1.67 -1.67 11 4 -1.74 -1.74 12 4 -1.81 -1.81 13 4 -1.89 -1.89 14 4 -1.96 -1.96 15 4 -2.03 -2.03 16 4 -2.11 -2.11 17 4 -2.18 -2.18 18 4 -2.26 -2.26 19 4 -2.33 -2.33 20 4 -2.40 -2.40 21 4 -2.48 -2.48 22 4 -2.55 -2.55 23 4 -2.63 -2.63 24 4 -2.70 -2.70</p>	-177.60	280.608
19	119	16	1.92	4	A2		228.48	360.998
20	67	20	7.94	7	A1		531.98	1313.991
21	61	16	7.96	4	A1		485.56	767.185
22	54	20	7.83	7	A1		422.82	1044.365

B A R B E N D I N G S C H E D U L E Steelgrade: B500B									
Pos.	No.	d	Length	dbr. ds	Type	shape code	Tot.L	Weight kg	
23	54	16	8.90	4	A1	 8.90	480.60	759.348	
24	0	12	3.80	4	A1	 3.80	0.00	0.000	
25	54	16	1.93	4	X1	 Nr. dx dy l >° 1 -0.80 -0.01 0.79 -93 2 0.01 0.36 0.35 -88 3 0.80 0.00 0.79	104.22	164.668	
26	54	16	1.98	4	A3		106.92	168.934	
27	140	12	1.86	4	D2	 41	260.40	231.235	
28	70	10	0.92	4	A3		64.40	39.735	
29	70	10	0.56	4	X1	 Nr. dx dy l >° 1 -0.05 -0.08 0.06 121 2 0.42 0.00 0.39 90 3 -0.00 0.12 0.11	39.20	24.186	
30	60	8	0.48	4	X1	 Nr. dx dy l >° 1 -0.05 -0.08 0.07 121 2 0.32 0.00 0.30 90 3 -0.00 0.12 0.11	28.80	11.376	
31	28	20	11.50	7	A1	 11.50	322.00	795.340	
32	44	20	10.90	7	A1	 10.90	479.60	1184.612	

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B A R B E N D I N G S C H E D U L E Steelgrade: B500B								
Pos.	No.	d	Length	nbr. ds	Type	shape code	Tot.L	Weight kg
33	108	10	3.86	4	C1	<p style="text-align: center;"> $2.56 \quad \frac{3^\circ 1.29}{1.29} \curvearrowright$ </p>	416.88	257.215

Total weight (kg)16803.960