view 113 , A-A

view 113 , C-C

view 113 , D-D

view 113 , H-H

section 114 , F-F

view 114 , H-H

view 114 , B-B

section 114 , C-G

section 115 , C-C

view 115 , F-F

view 115 , E-E

view 115 , A-A

** bill of material for 1 Stg- pos. 113 total 1 x done

Nr.	Tnr.	pos.	designation	qty	profil	quality	length	weight	Rem.
1	1	113		1	HEA300	S235JRG2	5008	560.98	
2	1	1003		1	HEA140	S235JRG2	315	7.78	
3	1	1004		1	HEA140	S235JRG2	315	7.78	
4	1	1007		1	HEA140	S235JRG2	248	6.18	
5	1	1017	S1EGELBLECH	1	BL8*475	S235JRG2	1081	31.64	
6	1	1025		1	BL25*300	S235JRG2	334	20.98	
7	1	1041		1	BL10*259	S235JRG2	237	4.82	
8	1	1042		1	BL10*259	S235JRG2	237	4.82	
9	1	1074	PLATTE	1	BL25,01*130	S235JRG2	465	18.43	
10	1	1081	PLATTE	1	BL15*170	S235JRG2	1056	27.73	
11	1	1088	PLATTE	1	BL10*170	S235JRG2	1021	21.48	
12	1	1105	RIPPE	2	BL15*145	S235JRG2	314	10.72	
13	1	1106	RIPPE	4	BL15*140	S235JRG2	313	20.77	
14	1	1108	PLATTE	2	FL14*220	S235JRG2	145	3.19	
15	1	1109	PLATTE	2	FL14*210	S235JRG2	145	6.37	
total weight (kg)								750.78	
Shipping dimensions (ht x B x L): 1414 x 580 x 5271									

view 113 , I-I

view 113 , B-B

section 113 , C-G

section 113 , E-E

section 113 , F-F

view 116 , D-D

view 116 , E-E

view 116 , A-A

** bill of material for 1 Stg- pos. 116 total 1 x done

Nr.	Tnr.	pos.	designation	qty	profil	quality	length	weight	Rem.
1	1	116		1	HEA300	S235JRG2	6535	609.37	
2	1	1001		1	HEA100	S235JRG2	225	7.18	
3	1	1027	RIPPE	2	BL12*150	S235JRG2	260	11.68	
4	1	1039	PLATTE	2	BL25*260	S235JRG2	355	18.11	
5	1	1040	PLATTE	1	BL25*260	S235JRG2	355	18.11	
6	1	1046		1	BL25*240	S235JRG2	305	14.37	
7	1	1082	PLATTE	1	BL25*180	S235JRG2	1171	6.04	
8	1	1114	RIPPE	4	BL15*120	S235JRG2	225	12.72	
9	1	1115		2	FL10*225	S235JRG2	223	10.48	
10	1	1117		2	FL10*225	S235JRG2	84	3.94	
11	1	1118		2	FL10*225	S235JRG2	84	3.94	
total weight (kg)								776.75	
Shipping dimensions (ht x B x L): 545 x 444 x 6985									

section 116 , B-B

section 116 , C-C

view 117 , C-C

section 117 , A-A

** bill of material for 1 Stg- pos. 117 total 1 x done

Nr.	Tnr.	pos.	designation	qty	profil	quality	length	weight	Rem.
1	1	117		1	HEA260	S235JRG2	4620	315.98	
2	1	1039	RIPPE	2	BL12*150	S235JRG2	225	13.14	
3	1	1039	PLATTE	1	BL25*260	S235JRG2	355	18.11	
4	1	1040	PLATTE	1	BL25*260	S235JRG2	355	18.11	
total weight (kg)								364.45	
Shipping dimensions (ht x B x L): 355 x 444 x 4670									

view 118 , A-A

view 118 , B-B

section 118 , C-C

** bill of material for 1 Stg- pos. 118 total 2 x done

Nr.	Tnr.	pos.	designation	qty	profil	quality	length	weight	Rem.
1	1	118		1	HEA260	S235JRG2	2405	170.16	
2	1	1028		1	BL30*300	S235JRG2	290	28.49	
3	1	1039	PLATTE	1	BL25*260	S235JRG2	430	25.43	
total weight (kg)								212.08	
Shipping dimensions (ht x B x L): 420 x 300 x 2550									

view 120 , B-B

section 120 , A-A

view 120 , C-C

** bill of material for 1 Stg- pos. 120 total 1 x done

Nr.	Tnr.	pos.	designation	qty	profil	quality	length	weight	Rem.
1	1	120		1	HEB100	S235JRG2	6387	327.03	
2	1	1092		1	BL25*170	S235JRG2	220	7.34	
3	1	1094		2	BL15*170	S235JRG2	150	7.69	
4	1	1096		2	BL15*170	S235JRG2	150	7.37	
total weight (kg)								349.53	
Shipping dimensions (ht x B x L): 180 x 364 x 6427									

** bill of material for 1 Stg- pos. 115 total 1 x done

Nr.	Tnr.	pos.	designation	qty	profil	quality	length	weight	Rem.
1	1	115		1	HEA300	S235JRG2	6935	608.37	
2	1	1001		1	HEA100	S235JRG2	225	7.18	
3	1	1027	RIPPE	2	BL12*150	S235JRG2	260	11.68	
4	1	1040	PLATTE	2	BL25*260	S235JRG2	355	36.22	
5	1	1046		1	BL25*240	S235JRG2	305	14.37	
6	1	1082	PLATTE	1	BL25*180	S235JRG2	171	6.04	
7	1	1114	RIPPE	4	BL15*120	S235JRG2	225	12.72	
8	1	1115		2	FL10*225	S235JRG2	223	10.48	
9	1	1117		2	FL10*225	S235JRG2	84	3.94	
10	1	1118		2	FL10*225	S235JRG2	84	3.94	
total weight (kg)								716.75	
Shipping dimensions (ht x B x L): 545 x 444 x 6985									

section 115 , D-D

section 115 , B-B

view 119 , B-B

view 119 , A-A

** bill of material for 1 Stg- pos. 119 total 1 x done

Nr.	Tnr.	pos.	designation	qty	profil	quality	length	weight	Rem.
1	1	119		1	HEB100	S235JRG2	6387	327.03	
2	1	1092		1	BL25*170	S235JRG2	220	7.34	
3	1	1096		2	BL15*170	S235JRG2	150	7.37	
total weight (kg)								341.54	
Shipping dimensions (ht x B x L): 180 x 364 x 6427									

Bygginganefndin Hafnarfjarðar
Afgreitt þann
03 NOV 2005

Tolerance for welded constructions
According to DIN 8570, PL1+3/BHT.10.87

Welding (W P S) according to DIN-EN 288 - 2

All unmarked welds to be fillet continuous a=4mm thick, not greater than 0.7 d of the thinner domain

The material for cap plates ≥20 mm thick to be examined for lamination

Required torque-prestressing forces and forcat tension angles according to DIN 18800 Pt. 7, 05.83

Bolts	d	Required torque-prestressing force kN	Preshearing of HV bolts (Class 10.9) necessary for: Required torque-prestressing force kN	Required turning angle	d_s mm	A_s cm²	A_sn cm²
M							
1	M12	50	70	60°	10	0.58	0.76
2	M16	100	140	60°	14	1.15	1.41
3	M20	155	215	60°	16	1.77	2.07
4	M22	190	265	60°	18	2.13	2.48
5	M24	225	310	60°	20	2.75	3.12
6	M27	290	405	60°	22	3.55	4.01
7	M30	355	495	60°	24	4.22	4.76
8	M36	515	720	60°	28	5.81	6.45

Bolts	d	A_s cm²	A_sn cm²
M			
10	M12	0.58	0.76
12	M16	1.15	1.41
14	M20	1.77	2.07
16	M22	2.13	2.48
18	M24	2.75	3.12
20	M27	3.55	4.01
22	M30	4.22	4.76
24	M36	5.81	6.45

BIURO INZYNIERSKIE

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