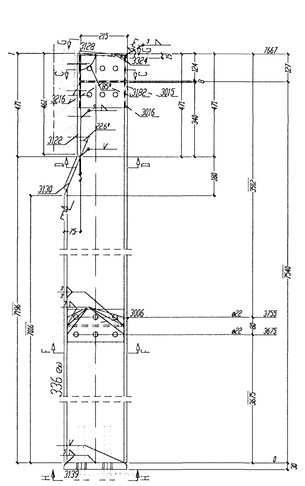
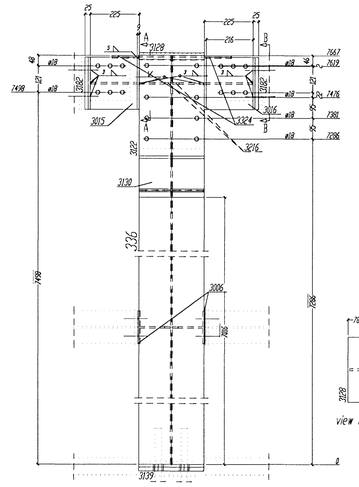
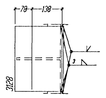
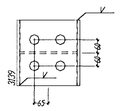


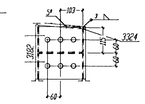




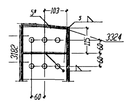
view 336 , G-G



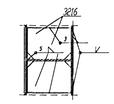
view 336 , H-H



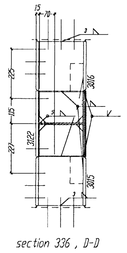
view 336 , B-B



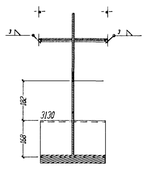
view 336 , A-A



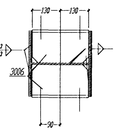
section 336 , C-C



section 336 , D-D



section 336 , E-E

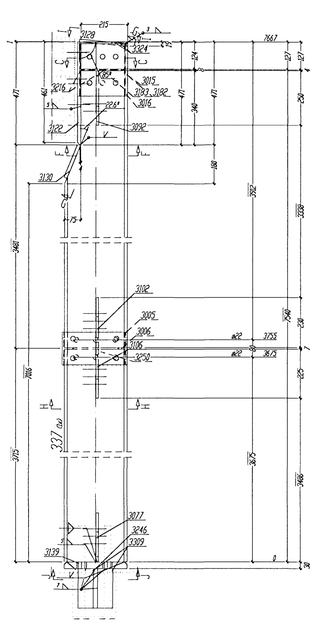


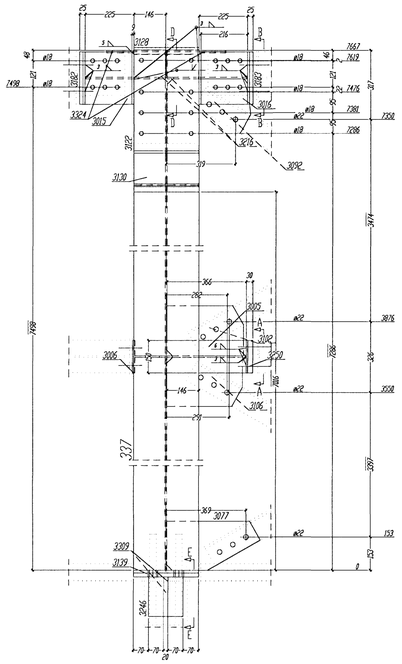
section 336 , F-F

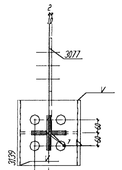
** bill of material for 1 Ship- pos. 336 total 2 X done

Nr.	Tnr	pos.	designation	qty	profil	quality	length	weight	Rem.
1	3	336		1	HEA300	S235JRG2	7667	676.99	
2	3	3006		2	IPE300	S235JRG2	268	21.94	
3	3	3005		1	HEA240	S235JR3	225	13.57	
4	3	3015		1	HEA240	S235JR3	225	13.57	
5	3	3022		1	BLI5X300	S235JRG2	472	16.67	
6	3	3028		1	BLI0X300	S235JRG2	216	6.11	
7	3	3038		1	BLI5X300	S235JRG2	168	5.92	
8	3	3039		1	BL204090	S235JRG2	388	28.49	
9	3	3082		2	BL254040	S235JRG2	238	21.67	
10	3	3016		2	BL84018	S235JR3	146	3.69	
11	3	3084		2	FL6045	S235JRG2	125	.71	
total weight (kg)								880.34	

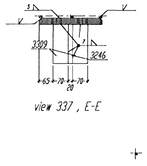
Shipping dimensions (H x B x L): 298 x 888 x 7778



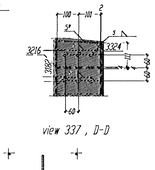




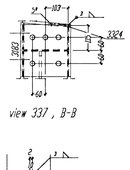
view 337 , J-J



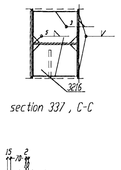
view 337 , E-E



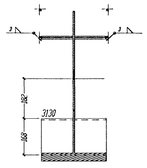
view 337 , D-D



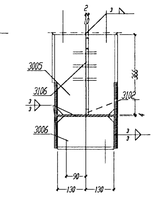
view 337 , B-B



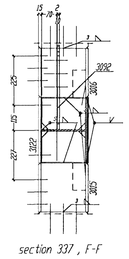
section 337 , C-C



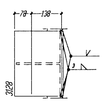
section 337 , G-G



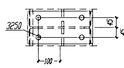
section 337 , H-H



section 337 , F-F



view 337 , I-I

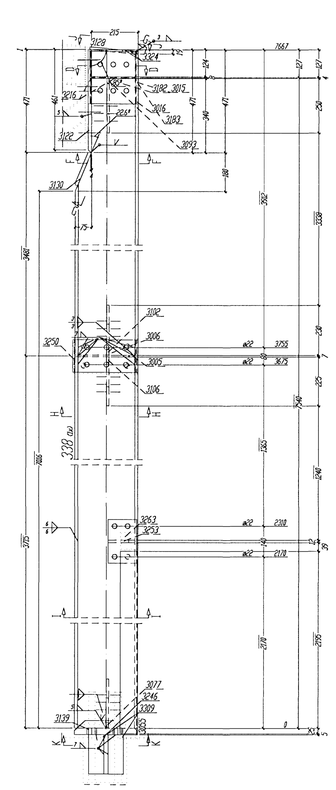


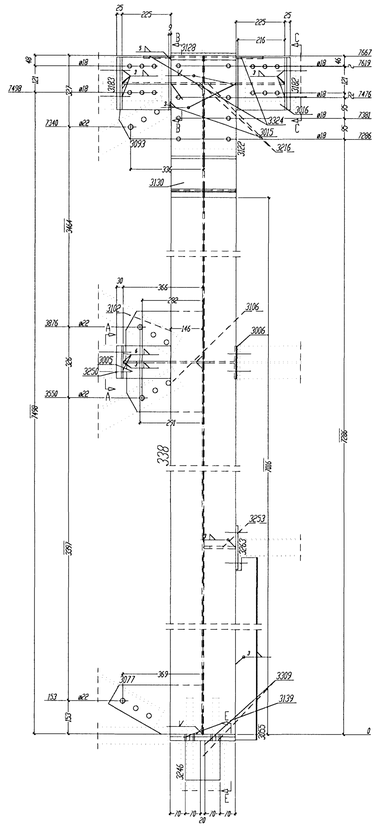
view 337 , A-A

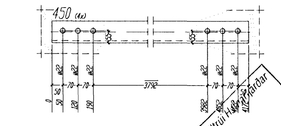
** bill of material for 1 Ship- pos. 337 total 1 X done

Nr.	Tnr	pos.	designation	qty	profil	quality	length	weight	Rem.
1	3	337		1	HEA300	S235JRG2	7667	676.99	
2	3	3005		1	IPE300	S235JRG2	366	15.43	
3	3	3006		1	IPE300	S235JRG2	268	18.97	
4	3	3015		1	HEA240	S235JR3	225	13.57	
5	3	3016		1	HEA240	S235JR3	225	13.57	
6	3	3077		1	BL104433	S235JRG2	225	7.61	
7	3	3092		1	BL104385	S235JRG2	258	7.56	
8	3	3102		1	BL104353	S235JRG2	238	6.37	
9	3	3106		1	BL104348	S235JRG2	225	6.15	
10	3	3122		1	BL154300	S235JRG2	472	16.67	
11	3	3128		1	BL104308	S235JRG2	216	6.11	
12	3	3138		1	BL154308	S235JRG2	168	5.92	
13	3	3139		1	BL204298	S235JRG2	388	28.49	
14	3	3182		1	BL254240	S235JRG2	238	10.83	
15	3	3183		1	BL254240	S235JRG2	238	10.83	
16	3	3216		2	BL84018	S235JR3	146	3.69	
17	3	3246		1	BL204158	S235JRG2	188	4.52	
18	3	3252		1	FL115X18	S235JRG2	308	13.68	
19	3	3289		2	FL70X18	S235JR3	188	3.96	
20	3	3324		2	FL6045	S235JRG2	125	.71	
total weight (kg)								852.56	

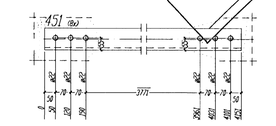
Shipping dimensions (H x B x L): 308 x 835 x 7890



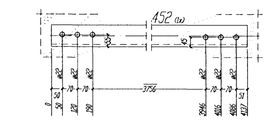




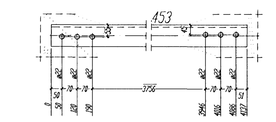
450 (4x)



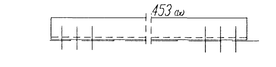
451 (8x)



452 (1x)



453 (1x)



453 (1x)

** bill of material for 1 Ship- pos. 450 total 4 X done

Nr.	Tnr	pos.	designation	qty	profil	quality	length	weight	Rem.
1	3	450		1	L100X10	S235JRG2	4174	62.99	

** bill of material for 1 Ship- pos. 451 total 8 X done

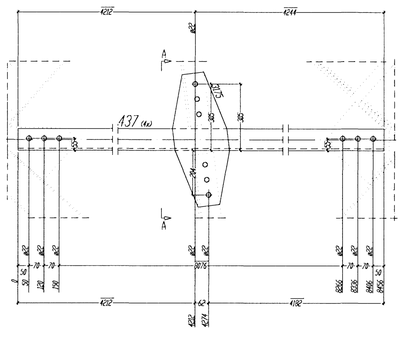
Nr.	Tnr	pos.	designation	qty	profil	quality	length	weight	Rem.
1	3	451		1	L100X10	S235JRG2	4151	62.65	

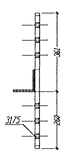
** bill of material for 1 Ship- pos. 452 total 1 X done

Nr.	Tnr	pos.	designation	qty	profil	quality	length	weight	Rem.
1	3	452		1	L100X10	S235JRG2	4137	62.41	

** bill of material for 1 Ship- pos. 453 total 1 X done

Nr.	Tnr	pos.	designation	qty	profil	quality	length	weight	Rem.
1	3	453		1	L100X10	S235JRG2	4137	62.41	



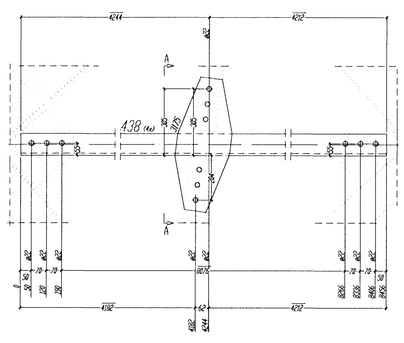


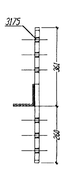
section 437 , A-A

** bill of material for 1 Ship- pos. 437 total 4 X done

Nr.	Tnr	pos.	designation	qty	profil	quality	length	weight	Rem.
1	3	437		1	L100X10	S235JRG2	8406	127.68	
2	3	3075		1	BL204249	S235JR3	613	23.95	
total weight (kg)								151.64	

Shipping dimensions (H x B x L): 621 x 128 x 8406



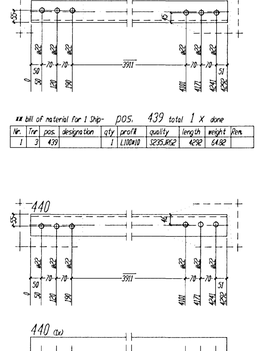


section 438 , A-A

** bill of material for 1 Ship- pos. 438 total 4 X done

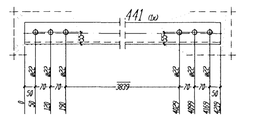
Nr.	Tnr	pos.	designation	qty	profil	quality	length	weight	Rem.
1	3	438		1	L100X10	S235JRG2	8406	127.68	
2	3	3075		1	BL204249	S235JR3	613	23.95	
total weight (kg)								151.64	

Shipping dimensions (H x B x L): 621 x 128 x 8406

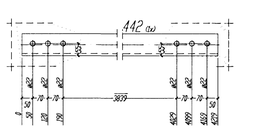


439 (1x)

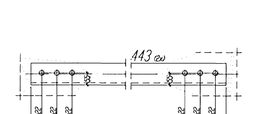
440 (1x)



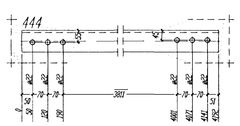
441 (1x)



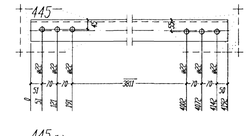
442 (1x)



443 (2x)



444 (1x)



445 (1x)

** bill of material for 1 Ship- pos. 439 total 1 X done

Nr.	Tnr	pos.	designation	qty	profil	quality	length	weight	Rem.
1	3	439		1	L100X10	S235JRG2	4292	64.82	

** bill of material for 1 Ship- pos. 440 total 1 X done

Nr.	Tnr	pos.	designation	qty	profil	quality	length	weight	Rem.
1	3	440		1	L100X10	S235JRG2	4292	64.82	

** bill of material for 1 Ship- pos. 441 total 1 X done

Nr.	Tnr	pos.	designation	qty	profil	quality	length	weight	Rem.
1	3	441		1	L100X10	S235JRG2	4219	63.71	

** bill of material for 1 Ship- pos. 442 total 1 X done

Nr.	Tnr	pos.	designation	qty	profil	quality	length	weight	Rem.
1	3	442		1	L100X10	S235JRG2	4219	63.71	

** bill of material for 1 Ship- pos. 443 total 2 X done

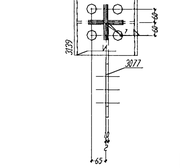
Nr.	Tnr	pos.	designation	qty	profil	quality	length	weight	Rem.
1	3	443		1	L100X10	S235JRG2	4205	63.65	

** bill of material for 1 Ship- pos. 444 total 1 X done

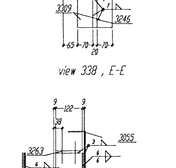
Nr.	Tnr	pos.	designation	qty	profil	quality	length	weight	Rem.
1	3	444		1	L100X10	S235JRG2	4192	63.38	

** bill of material for 1 Ship- pos. 445 total 1 X done

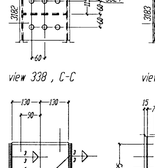
Nr.	Tnr	pos.	designation	qty	profil	quality	length	weight	Rem.
1	3	445		1	L100X10	S235JRG2	4192	63.38	



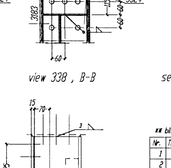
view 338 , K-K



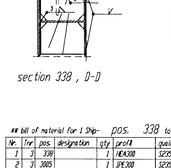
view 338 , E-E



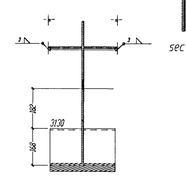
view 338 , C-C



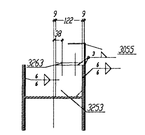
view 338 , B-B



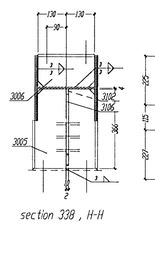
section 338 , D-D



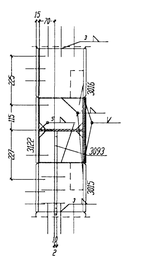
section 338 , G-G



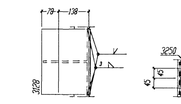
section 338 , I-1



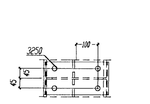
section 338 , H-H



section 338 , F-F



view 338 , J-J

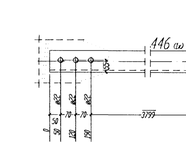


view 338 , A-A

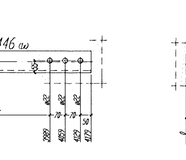
** bill of material for 1 Ship- pos. 338 total 1 X done

Nr.	Tnr	pos.	designation	qty	profil	quality	length	weight	Rem.
1	3	338		1	HEA300	S235JRG2	7667	676.99	
2	3	3005		1	IPE300	S235JRG2	366	15.43	
3	3	3006		1	IPE300	S235JRG2	268	18.97	
4	3	3015		1	HEA240	S235JR3	225	13.57	
5	3	3016		1	HEA240	S235JR3	225	13.57	
6	3	3055		1	BL110X8044	S235JRG2	1039	102.27	
7	3	3077		1	BL104433	S235JRG2	225	7.61	
8	3	3093		1	BL104385	S235JRG2	258	7.56	
9	3	3102		1	BL104353	S235JRG2	238	6.37	
10	3	3106		1	BL104348	S235JRG2	225	6.15	
11	3	3122		1	BL154300	S235JRG2	472	16.67	
12	3	3128		1	BL104308	S235JRG2	216	6.11	
13	3	3138		1	BL154308	S235JRG2	168	5.92	
14	3	3139		1	BL204298	S235JRG2	388	28.49	
15	3	3182		1	BL254240	S235JRG2	238	10.83	
16	3	3183		1	BL254240	S235JRG2	238	10.83	
17	3	3216		2	BL84018	S235JR3	146	3.69	
18	3	3245		1	BL204150	S235JRG2	188	4.52	
19	3	3258		1	FL115X18	S235JRG2	308	13.68	
20	3	3263		1	BL104116	S235JRG2	123	1.68	
21	3	3267		1	BL104132	S235JRG2	288	2.06	
22	3	3289		2	FL70X18	S235JR3	188	3.96	
23	3	3324		2	FL6045	S235JRG2	125	.71	
total weight (kg)								868.57	

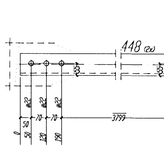
Shipping dimensions (H x B x L): 308 x 835 x 7890



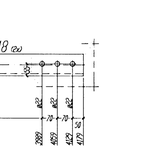
view 338 , K-K



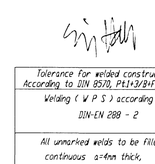
view 338 , E-E



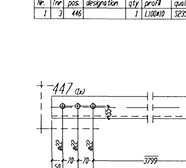
view 338 , C-C



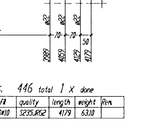
view 338 , B-B



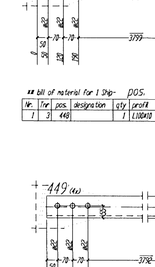
section 338 , D-D



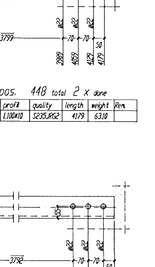
section 338 , G-G



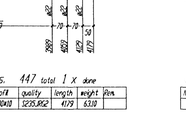
section 338 , I-1



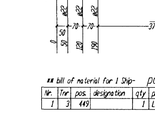
section 338 , H-H



section 338 , F-F



view 338 , J-J



view 338 , A-A

** bill of material for 1 Ship- pos. 446 total 1 X done

Nr.	Tnr	pos.	designation	qty	profil	quality	length	weight	Rem.
1	3	446		1	L100X10	S235JRG2	4179	63.18	

** bill of material for 1 Ship- pos. 447 total 1 X done

Nr.	Tnr	pos.	designation	qty	profil	quality	length	weight	Rem.
1	3	447		1	L100X10	S235JRG2	4179	63.18	

** bill of material for 1 Ship- pos. 448 total 2 X done

Nr.	Tnr	pos.	designation	qty	profil	quality	length	weight	Rem.
1	3	448		1	L100X10	S235JRG2	4179	63.18	

** bill of material for 1 Ship- pos. 449 total 4 X done

Nr.	Tnr	pos.	designation	qty	profil	quality	length	weight	Rem.
1	3	449		1	L100X10	S235JRG2	4112	62.19	

Fyrir hönd Conís ehf, kt. 600105-1400 staðfestist að teikning þessi hefur verið yfirfarin. Teikningin er í samræmi við íslenska staðla og reglugerðir. 28/9'07

Nafn Kennitala 130657-4139

Tolerance for welded constructions
According to DIN 8570, Pt1+3/84?, 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 element

The material for cap plates 128 mm thick to be examined for laminations

Required torques,prestressing forces and forced tension angles according to DIN 18800 Pt. 7, 0583

	1	2	3	4	5	
bolts	Required clamping force Fv	a) Torque tightening	b) Impact tightening		d-type of rotation tightening	
		Manual torque wrench	Mechanical impact wrench	Required tightening torque	Grip length	Type of rotation
		Required grip length clamped	Required clamping force			
	kN	kgf m	kN	kgf m	mm	
1	42	18	45	19	8	M
2	49	21	52	22	9	M
3	59	25	63	27	10	M
4	102	39	109	42	12	M
5	124	48	133	51	14	M
6	157	60	168	64	16	M
7	178	68	191	73	18	M
8	196	75	210	80	20	M

2 Due to the great dependence of the fit value on the type of thread lubricant
3 Adhere to the bolt manufacturer's instructions
4 Depending on the surface texture of the threads and surfaces of bolts and nuts
CAUTION! Fv not guaranteed if bolts and values from column 5

a) Torque tightening	1	1.1	1.2
b) Impact tightening	1.1	1.2	1.3
d-type of rotation tightening	1.2	1.3	1.4
M	1	1.1	1.2
S	1.1	1.2	1.3

BIURO INZYNIERSKIE
Marek i Janina MUCHA
Osiny, ul. Opolska 30a, 46-070 Komprachcice tel.077-46 46 757

	DATE	NAME	SIGNATURE
Designed by	28.09.2007	MUCHA	
Checked by			
Verified by			

INDEX	CHANGES	DATE	MK

1:50 SCALE

Pos.336-338, 437-453

DESC. TJARNARVELLIR 11
Steel- Storage house

DRAWING NO. DRG 208

SHEET 1