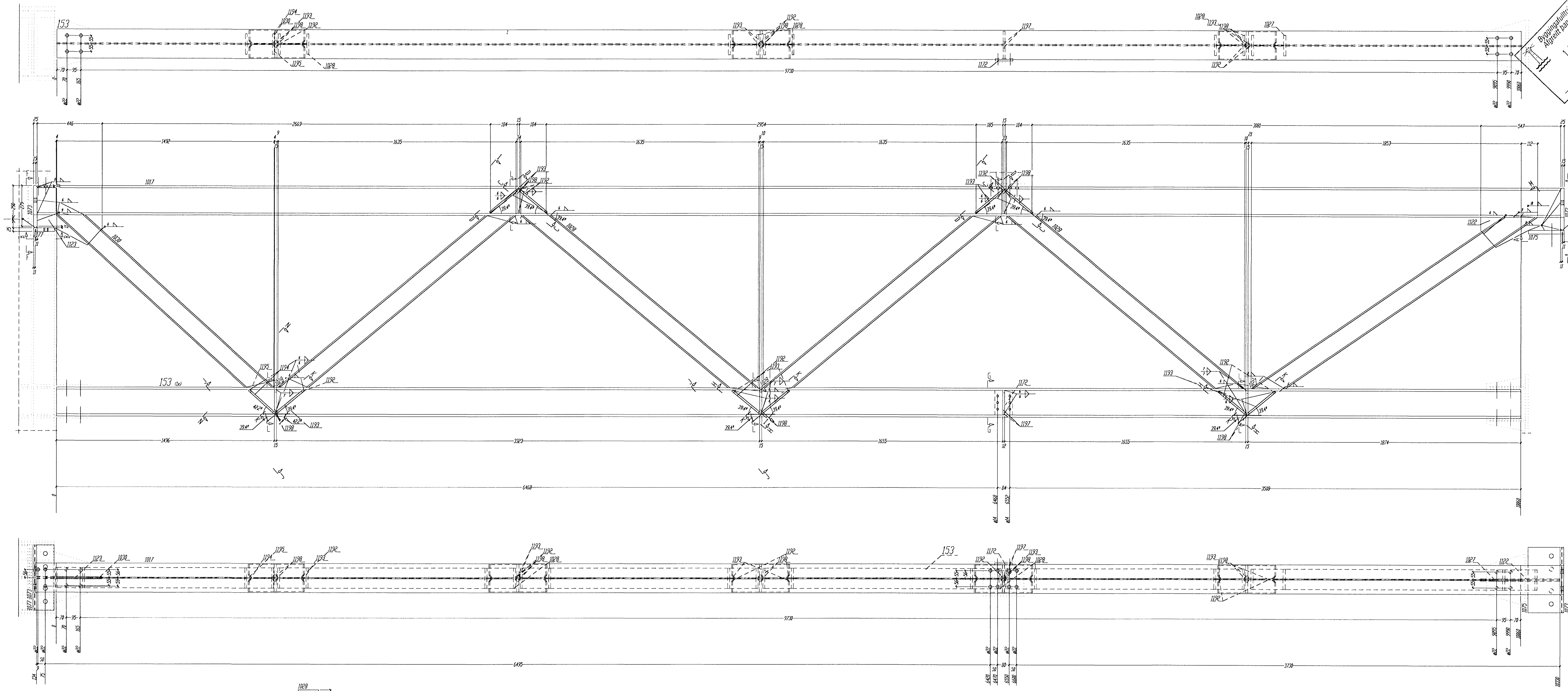
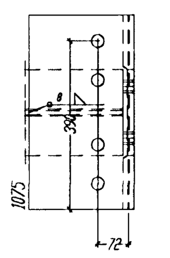
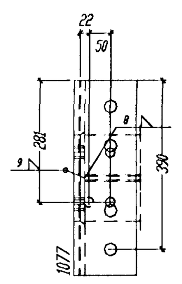


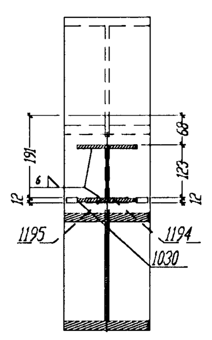
Byggingafulltrúi Hafnarfjarðar
Afgreitt þann
18 FEB 2008



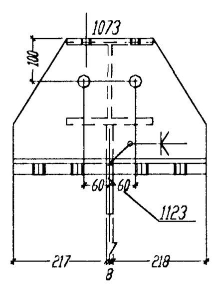
view 153 , A-A



view 153 , B-B



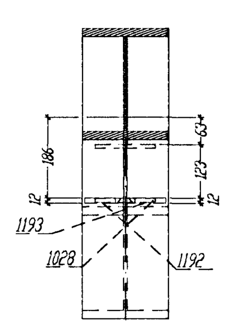
view 153 , N-N



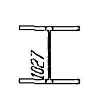
view 153 , F-F

** bill of material for 1 Ship- pos. 153 total 1 X done

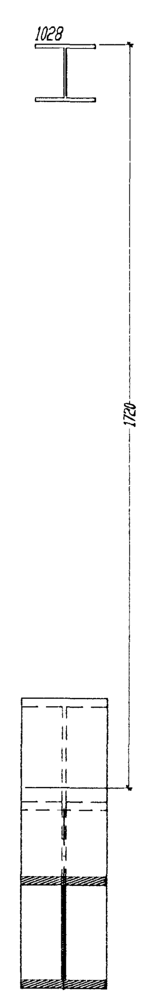
Nr.	Tnr	pos.	designation	qty	profil	quality	length	weight	Rem.
1	1	153	TRAEGER	1	HEB200	S235JRG2	10060	616.68	
2	1	1017	TRAEGER	1	HEB200	S235JRG2	10464	641.44	
3	1	1027	TRAEGER	1	HEA140	S235JRG2	2286	56.47	
4	1	1028	TRAEGER	4	HEA140	S235JRG2	2010	198.56	
5	1	1030	TRAEGER	1	HEA140	S235JRG2	1898	46.89	
6	1	1073		2	BL25*450	S235JRG2	290	51.22	
7	1	1075		1	BL25*450	S235JRG2	245	21.64	
8	1	1077		1	BL25*450	S235JRG2	144	12.72	
9	1	1122		1	BL15*207	S235JRG2	547	13.32	
10	1	1123		1	BL15*207	S235JRG2	446	10.86	
11	1	1172		1	FL120*15	S235JRG2	170	2.40	
12	1	1192	RIPPE	9	BL12*90	S235JRG2	248	18.96	
13	1	1193	RIPPE	9	BL12*90	S235JRG2	248	18.96	
14	1	1194	RIPPE	1	BL12*90	S235JRG2	240	2.03	
15	1	1195	RIPPE	1	BL12*90	S235JRG2	240	2.03	
16	1	1197	RIPPE	2	BL12*90	S235JRG2	170	2.88	
17	1	1198	RIPPE	10	BL15*90	S235JRG2	170	18.02	
total weight (kg)								1735.08	
Shipping dimensions (H x B x L): 1576 x 450 x 10514									



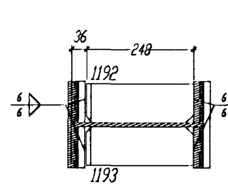
section 153 , J-J



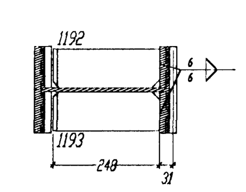
view 153 , M-M



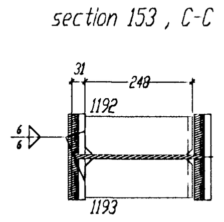
section 153 , I-I



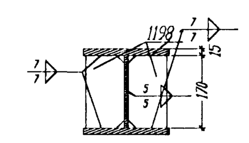
section 153 , C-C



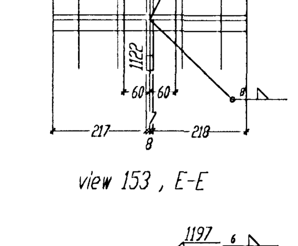
section 153 , K-K



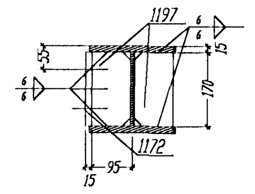
section 153 , H-H



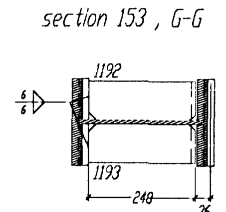
section 153 , L-L



view 153 , E-E



section 153 , G-G



section 153 , D-D

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 130657-4439

Tolerance for welded constructions According to DIN 8570, Pt.1+3/B+F,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 >20 mm thick to be examined for laminations

Required torques,prestressing forces and forced tension angles according to DIN 18800 Pt. 7, 05.83

	1	2	3	4	5	6				
			Prestressing of HV bolts (Class 10.9) according to							
	Bolts	Required compressing force Fv	a) Torque techniques Manual torque wrench Required grip rotary moment Lubricated MoS2 [1]	Slightly oiled	b) Impulse technique Mechanical impact wrench Req. compressing force Fv [2]	c) Angle of rotation techniques Required tightening torque Mv [2]	Grip length lk		Angle of rotation pH	Rot. measure U
		kN	Nm	Nm	kN	Nm	mm			
1	M12	50	100	120	60	10	M12 to M22	lk < 50	180	1/2
2	M16	100	250	350	110	50		51 < lk < 100	240	2/3
3	M20	160	450	600	175			101 < lk < 170	270	3/4
4	M22	190	650	900	210	100		171 < lk < 240	360	1
5	M24	220	800	1100	240		M24 to M36	lk < 50	180	1/2
6	M27	290	1250	1650	320	200		51 < lk < 100	240	2/3
7	M30	350	1650	2200	390			101 < lk < 240	270	3/4
8	M36	510	2800	3800	560					

[1] Due to the great dependance of the Mv value on the type of thread lubricant adhere to the bolt manufacturer's recomendations.
[2] Independently on the lubricant of the threads and surfaces of bolts and nuts.
CAUTION! For hot galvanized HV bolts use values from column 3.

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

	DATE	NAME	SIGNATURE
Designed by	12.06.2007	M.Mucha	
Compiled by			
Verified by			

INDEX	CHANGES	DATE	NAME

1:10 SCALE

Pos. 153

DESC.
TJARNARVELLIR 11
Steel Office part

ERRAND | DRAWING NO. DRG 120 | SHEET Bl.