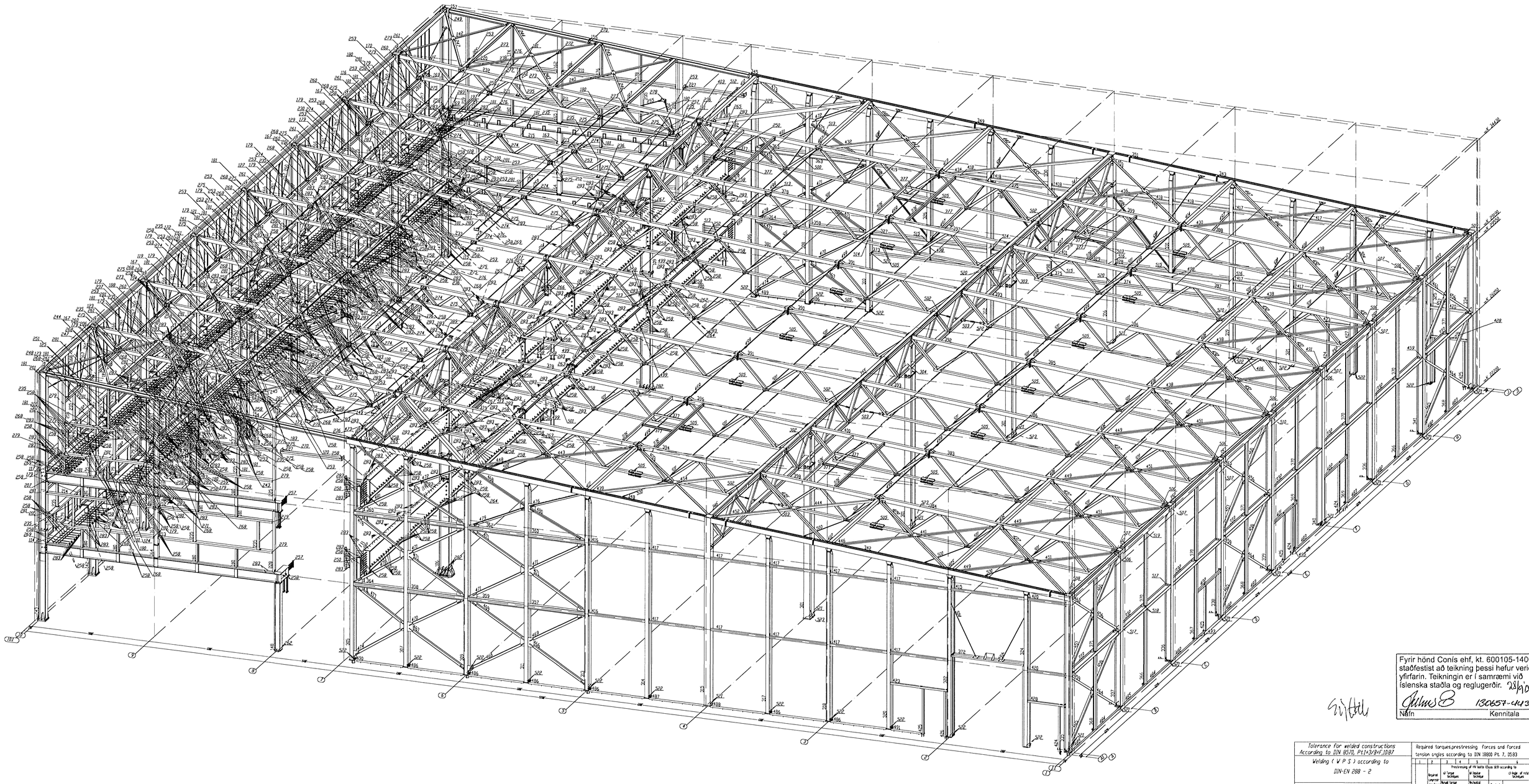
Byggingarfulltrúi Hafnarfjarðar
Afgreitt á fundi
16 FEB 2008



PERSPECTIVE

Fyrir hönd Conís ehf, kt. 600105-1400 staðfestist að teikning þessi hefur verið yfirfarin. Teikningin er í samræmi við íslenska staðla og reglugerðir. 28/10/07
Nafn: Gylfi Ólason
Kennitala: 130657-4439

Tolerance for welded constructions According to DIN 8570, Pt.1+2/3/4F,1087
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 120 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					
Bolts		Prestressing of HV bolts (Class 8.8) according to								
	Required compressive Rq force	α-Turn technique		α-Torque technique		α-Angle of rotation technique				
		Nominal turn angle		Nominal torque		Required tightening torque	Grip length		Angle of rotation	Bolt elongation
	Fv	Required grip relevant nominal length		Rq compressive force						
		Lnominal	Rq/Fv							
	kN	kN	%	kN	%	Nm			°	
1 M12	30	30	100	40	8	7	M12	8.8 / 8	70	1.12
2 M16	60	60	100	80	8	18		8.8 / 8.8 / 8	140	0.93
3 M20	94	94	100	125	8		M16	10.9 / 8.8	110	0.9
4 M22	110	110	100	150	8	25		10.9 / 8.8 / 8	100	1
5 M24	135	135	100	180	8		M20	8.8 / 8	180	1.12
6 M27	175	175	100	235	8	35		8.8 / 8.8 / 8	140	0.93
7 M30	215	215	100	290	8		M24	10.9 / 8.8	110	0.9
8 M36	310	310	100	420	8	60		10.9 / 8.8 / 8	100	1

α Due to the great dependence of the Rq value on the type of thread lubricant adhere to the bolt manufacturer's recommendations.
β Independently on the lubricant of the threads and surfaces of bolts and nuts CAUTION! For not galvanized HV bolts use values from column 6.

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

	DATE	NAME	SIGNATURE
Designed by	8.06.06	KMu/Ma	
Checked by			
Verified by			

INDEX	CHANGES	DATE	NAME
1	1st edition	8.06.06	KMu/Ma

SCALE

PERSPECTIVE

DESC.

TJARNARVELLIR 11
Steel Office part

DRAWN | DRAWING NO. DRG 021 a | SHEET