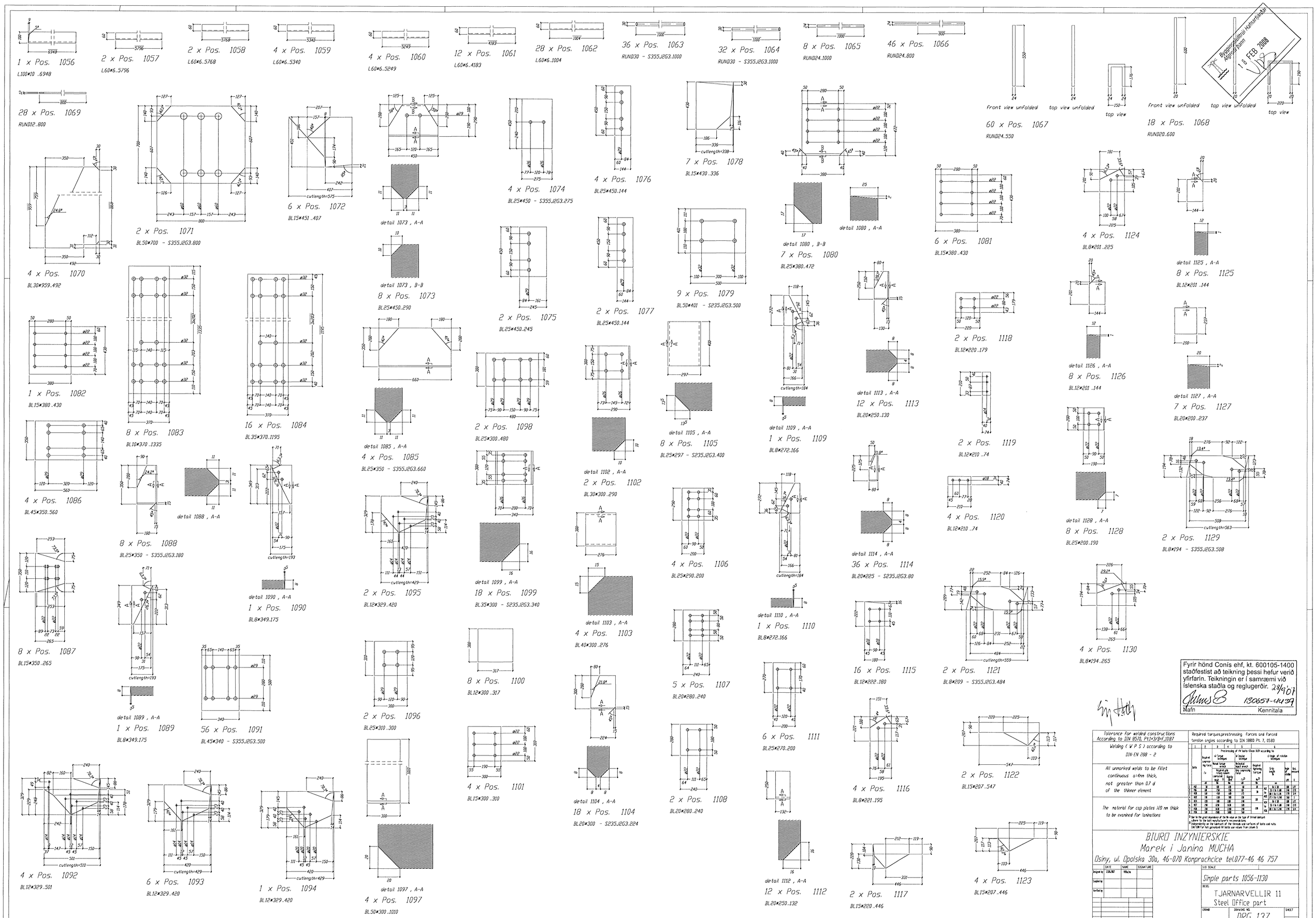

Fyrir hönd Conís ehf, kt. 600105-1400 staðfestist að teikning þessi hefur verið yfirfarin. Teikningin er í samræmi við íslenska staðla og reglugerðir. 28/1/07

130654-4139

Nafn | Kennitala

Tolerance for welded constructions According to DIN 8570, Pt1+3/BIF,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 ≥20 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	6
Bolts	Required impress. ring force F_r	Prestressing of HV bolts (Class 10.9) according to: a) Torque exchanges: Nominal torque M_{nom} [Nm]	Required angle of turn α_{nom} [°]	b) Angle exchanges: Nominal impact energy E_{nom} [Nm]	Required tightening torque M_{nom} [Nm]
	[kN]	Nut	Bolt	[J]	
M12	42	70	40	8	8
M16	80	170	30	10	20
M20	130	340	30	15	40
M22	170	510	30	20	60
M24	200	590	30	20	70
M27	250	870	30	25	100
M30	300	1200	30	25	140
M36	400	2000	30	30	240
M39	500	2800	30	30	340

a) Due to the great dependence of the fm value on the type of thread lubricant adhere to the bolt manufacturer's recommendations.
b) Independently on the lubricant of the threads and surfaces of bolts and nuts.
c) DASTUBA for not galvanized HV bolts use values from column 3.

BIURO INZYNIERSKIE
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	DATE	NAME	SIGNATURE
Designed by	23.06.07	Mucha	
Checked by			
Verified by			

INDEX CHANGES | DATE | NAME

SUB SCALE: Simple parts 1056-1130

BLDG: TJARNARVELLIR 11 Steel Office part

DRAWING NO: DRG 137

SHEET NO.