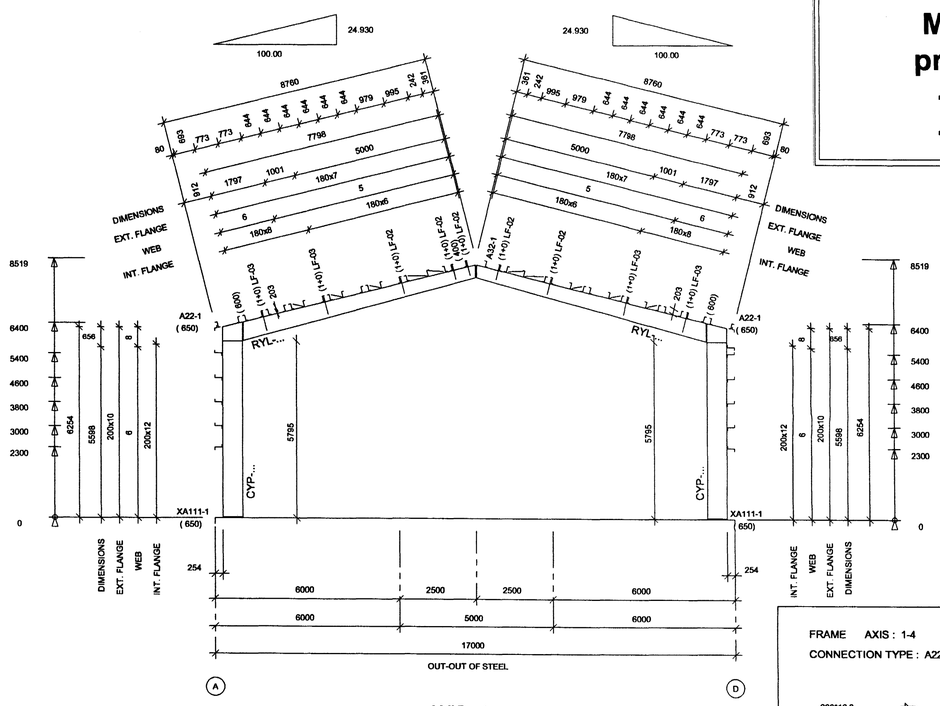
CONNECTION	BOLT	QTY
A22-1	BSK24075	0,4 - 2,2
A32-1	BSK20075	2,2 - 2,2
BSK = DIN 6914 / 24075 = M 24 x 75		

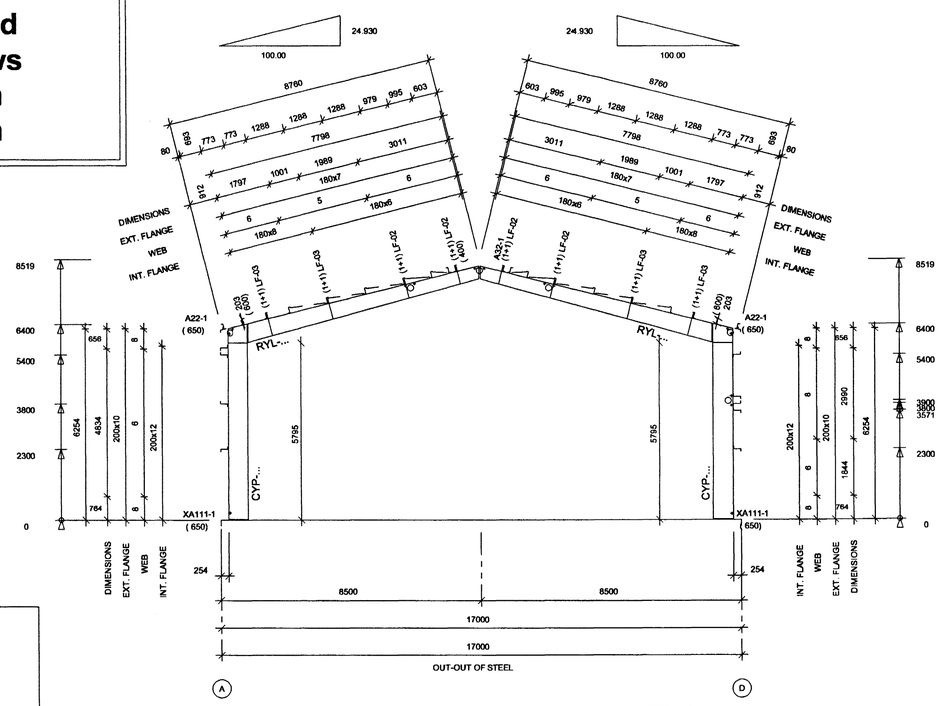
HV BOLTS:

MoS2 lubricate and prestress as follows
- M20 mit 450 Nm
- M24 mit 800 Nm

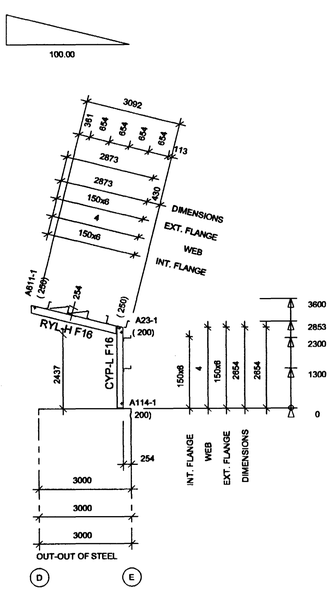
CONNECTION	BOLT	QTY
A22-1	BSK24075	0,4 - 2,2
A23-1	BSK20045	0,2 - 2,0
A32-1	BSK20075	2,2 - 2,2
A611-1	BSK20050	0,2 - 2,0
BSK = DIN 6914 / 24075 = M 24 x 75		



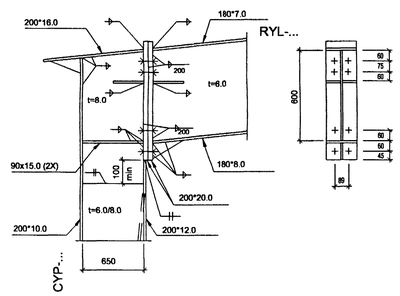
AXIS : 1
(SCALE:1/100)



AXIS : 3
(SCALE:1/100)

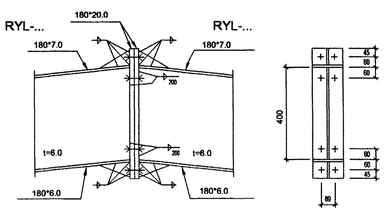


FRAME AXIS : 1-4
CONNECTION TYPE : A22-1



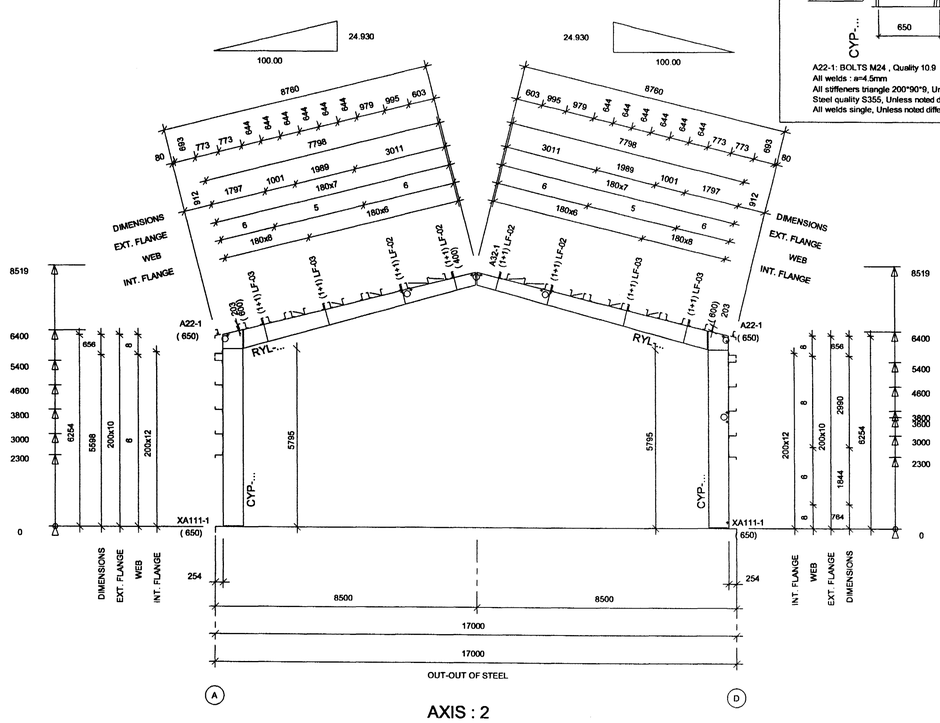
A22-1: BOLTS M24 , Quality 10.9
All welds : a=4.5mm
All stiffeners triangle 200*90*9, Unless noted different
Steel quality S355, Unless noted different
All welds single, Unless noted different

FRAME AXIS : 1-9
CONNECTION TYPE : A32-1



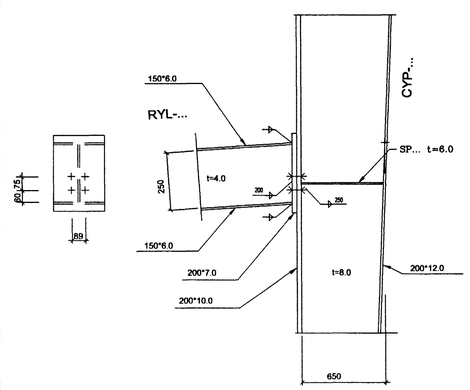
A32-1: BOLTS M20 , Quality 10.9
All welds : a=4.5mm
All stiffeners triangle 200*90*9, Unless noted different
Steel quality S355, Unless noted different
All welds single, Unless noted different

CONNECTION	BOLT	QTY
A22-1	BSK24075	0,4 - 2,2
A32-1	BSK20075	2,2 - 2,2
BSK = DIN 6914 / 24075 = M 24 x 75		



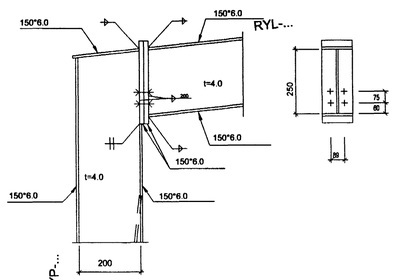
AXIS : 2
(SCALE:1/100)

FRAME AXIS : 3-4
CONNECTION TYPE : A611-1

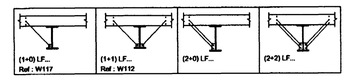


A611-1: BOLTS M20 , Quality 10.9
All welds : a=4.5mm
All stiffeners triangle 200*90*9, Unless noted different
Steel quality S355, Unless noted different
All welds single, Unless noted different

FRAME AXIS : 3-4
CONNECTION TYPE : A23-1



A23-1: BOLTS M20 , Quality 10.9
All welds : a=4.5mm
All stiffeners triangle 200*90*9, Unless noted different
Steel quality S355, Unless noted different
All welds single, Unless noted different



STD PROFILES DESCRIPTION LIST	NSTD PROFILES DESCRIPTION LIST
LF- : FLANGE BRACING 50*50*3.2	

TECHNICAL NOTES

1. Drawings to read in conjunction with ASTRON technical manual
2. All measures in millimeters
3. * = Field adapted
4. Design of foundations by local engineer
5. Applicable column reactions see chart "Foundation Reactions"
6. Purlin spacings are rounded to mm and cannot be added
7. Flange bracings installation per standard detail W1 chapter
8. Field locate roof openings and accessories
9. Compensation of panel tolerance currently during installation
10. Unless noted differently :
    1) Purlin diaphragms - At peak (see W316, W326, W327)
       - Double purlins (see W311, W321)
    2) Wind bracing details, see chapter W2
    3) Roof stabilisation if necessary :
       - Purlin spacers (HSA, HSB, HSC, HSD. SEE W37 AND W38)
       - Sag rods (RSG,...) see W6 and cross section
       - Tie straps (HC 250) see W7 chapter
11. Field cut and adapt girts and panels shown in overlap with an accessory element

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Byggingafulltrúi Hafnarfjarðar
Afgreitt þann
20 NOV. 2002

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DET: A121 A22 A32 A611 R451 W112 W117 XA111 XR111

1x	17.04.02	Stalex (email)	
4x	25.04.02	Stalex, Samuelsson	
2x[c]	25.04.02	Stalex, Erection	

TRANSMITTALS

PROJ: Berghella MHL-2 - Hafnarfjordur Iceland — B/D: Stalex
BUILDING: AZM1 24.9% SPAN:17.000m EH:6.400m L:58.50m ALT:
LOADS: LL/WL/AddL : 100/160/20 (DaN/m2) — CRANE: 60kN
NORMS: PRIM. IST SEC. DS — MENOL - 11h33

108560
CS-2 C
DATE: 05/04/02
ENG.: W. Altmann
DRAF: K. Olsson

ASTRON

FRAME SECTION AXIS 1-3 RAMMAR-LÍNUR 1-3

REV. A.: additional purlin axis 3
REV. B. wing unit axis 3 changed 24.06.2002 J. Speer
REV. C.: Change of flange bracings

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