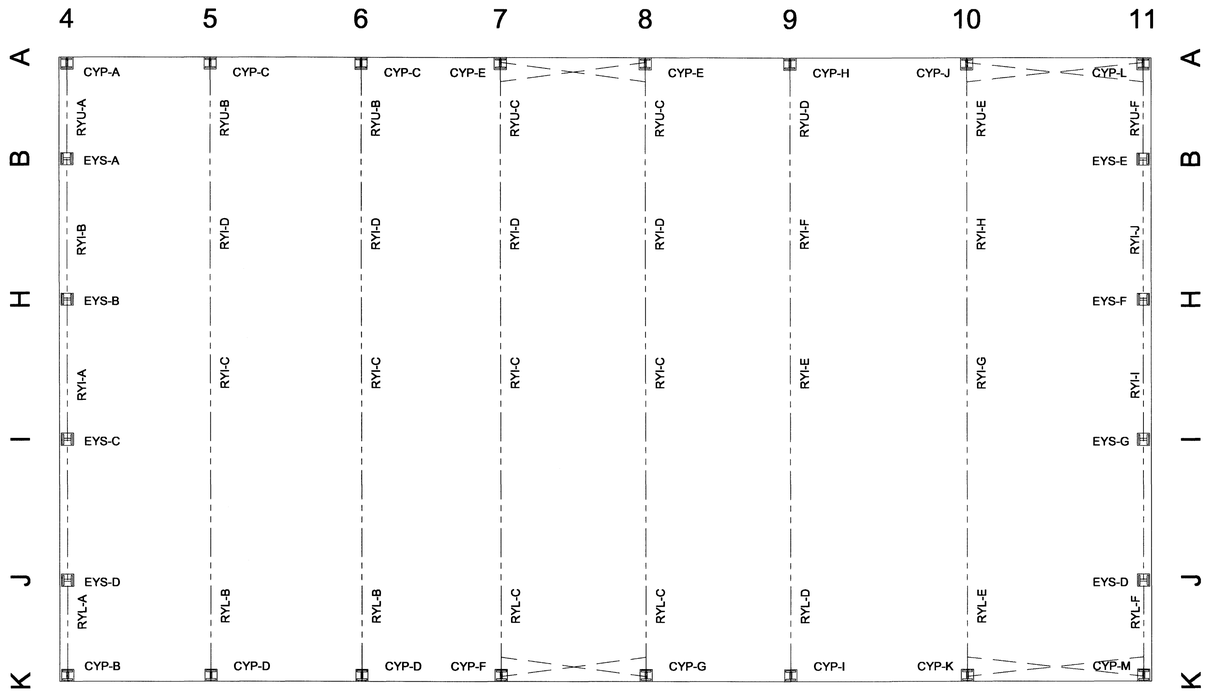
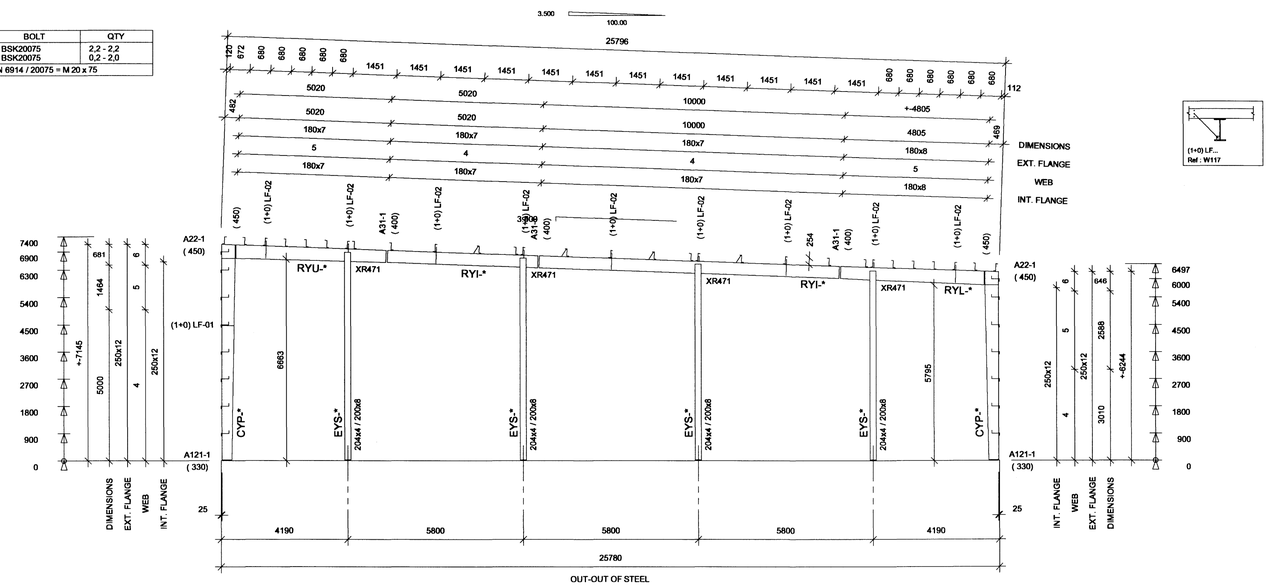
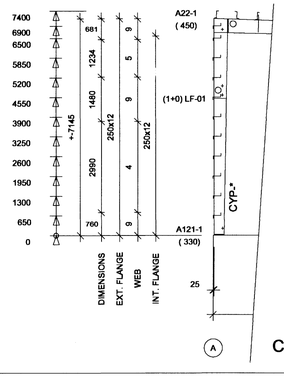


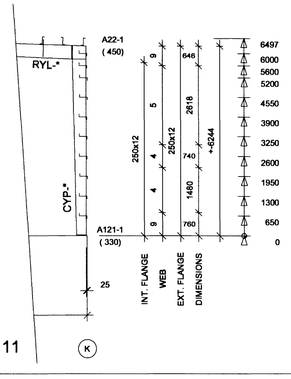
CROSS SECTION LAYOUT

CONNECTION	BOLT	QTY
A22-1	BSK20075	2,2 - 2,2
A31-1	BSK20075	0,2 - 2,0
BSK = DIN 6914 / 20075 = M 20 x 75		



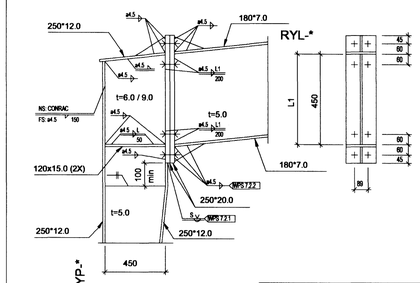


COLUMN AXIS 11



COLUMN AXIS 11

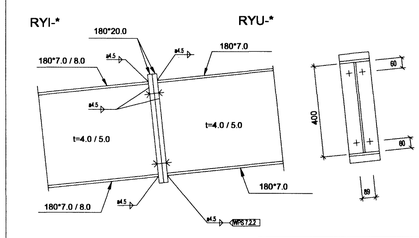
CONNECTION TYPE : A22-1



A22-1: 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

Unless noted different :
All BSK- bolts must be installed with the "TURN OF THE NUT" method, as described in the erection manual.
All other must be installed "SNUG TIGHT"

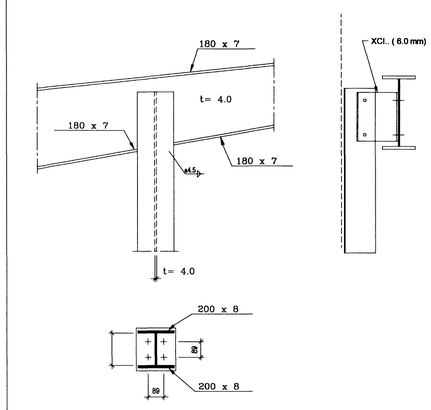
CONNECTION TYPE : A31-1



A31-1: 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

Unless noted different :
All BSK- bolts must be installed with the "TURN OF THE NUT" method, as described in the erection manual.
All other must be installed "SNUG TIGHT"

CONNECTION TYPE : XR471



XR471: BOLTS M20 , Quality 10.9
All welds : a=4.5mm
Steel quality S355, Unless noted different
All welds single, Unless noted different

Unless noted different :
All BSK- bolts must be installed with the "TURN OF THE NUT" method, as described in the erection manual.
All other must be installed "SNUG TIGHT"

ATTENTION

The complete building must be erected according to the erection documents and manuals as provided by ASTRON and all applicable local codes and standards. Moreover, we draw your attention to the points below as they are most critical for the building stability :

1. Correct amount, type, position and installation of flange bracings (LF- ; XLF-) in roof and walls.
2. Double nuts on the wind bracing rods and wind bracing being fastened.
3. Structural bolts in grade 10.9 must be assembled with structural nuts and washers in the same 10.9 grade only. Place structural bolts 10.9 grade as indicated on drawings.
4. Correct fastening of all the structural bolts using the method as specified by ASTRON
5. Correct number of all purlins and girts spacers (CL 00025, CL 00021…).
6. Correct number and location of double purlins.
7. Correct positioning of the sag rods (RSG..) and cleats (CL 00140).

STD PROFILES DESCRIPTION LIST	NSTD PROFILES DESCRIPTION LIST
LF- : FLANGE BRACING 54*54*3.0	

TECHNICAL NOTES

General

1. Drawings must be read in conjunction with ASTRON Technical Manual.
2. Building components must be erected in accordance with erection information supplied by Astron Buildings and all applicable local codes and standards.
3. All measurements are in millimetres
4. * = Field adapted
5. Purlin spacings are rounded to mm and cannot be added

Foundations and Anchor Bolts

1. Foundations must be designed by a qualified foundation engineer (more details on AB-layout)
2. Applicable columns reactions see chart "Foundation Reactions"

Primary and Secondary Structural Framing

1. Flange bracing installation as per technical manual (TM) standard detail W1 .. chapter
2. Unless noted different:
1) Purlin diaphragms - at peak (see TM W316, W326, W327)
- Double purlins (see TM W311, W321)
2) Wind bracing details, see TM chapter W2..
3) Roof stabilization if necessary:
- Purlins spacers (HS… see TM details W37. and W 38.)
- Sag rods (RSG-) see TM W… and cross-section.
- Tie straps (HC 00250) see TM W7.. chapter.

Panels and Accessories

1. Field locate roof openings and accessories
2. Field cut and adapt girts and panels shown in overlap with an accessory element
3. Compensation of panel tolerance currently during installation

27. jan. 2007
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Sími 562-2420 - Fax 562-2430
Þykkvibæjarsambykkt þann
09 MARS 2007

Byggingafulltrúinn í Hafnarfirði
F.h. Sigurbjartur Halldórsson

DET: 2T12A

4x	11.01.2007	B/D:	TRANSMITTALS

PROJ: FEDEX, Selhella9 - Selhella 9 B/D: mest
BUILDING: AL -3.5% SPAN:25.780m EH:7.400m L:45.23m
LOADS: LL/WL/Add.L : 110/180/40 (DaN/m2)
NORMS: PRIM. EC3 SEC. ZUL

133632
CS-1
DATE: 05/01/07
ENG.: B. Schaffner
DRAF: N. Michaux

CROSS SECTION AXIS 4 + 11

(SCALE:1/100)

REV. A. Sk KROSS STÝFINGAR SNIÐI 4-11
REV. B.
REV. C.

ASTRON

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