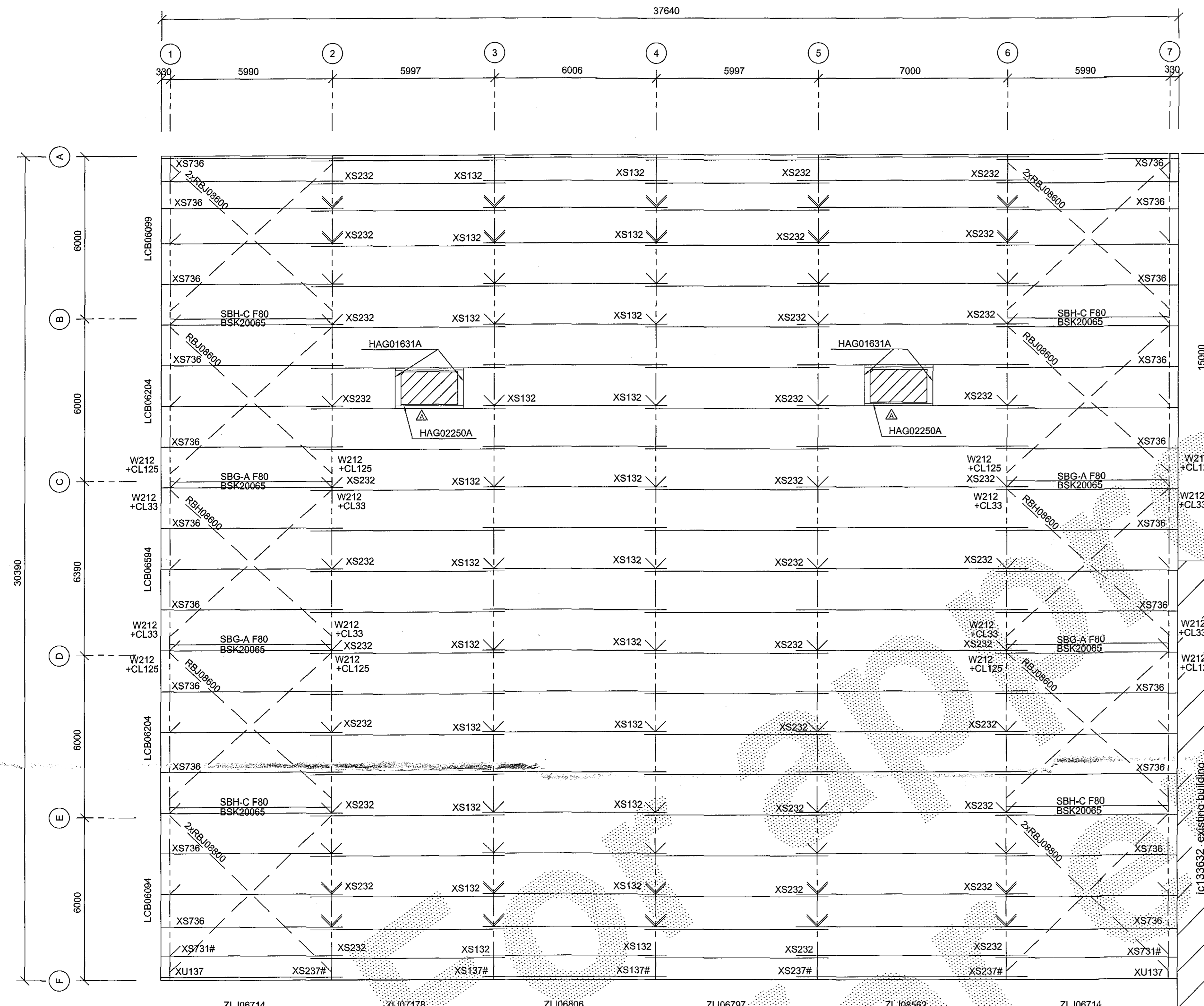
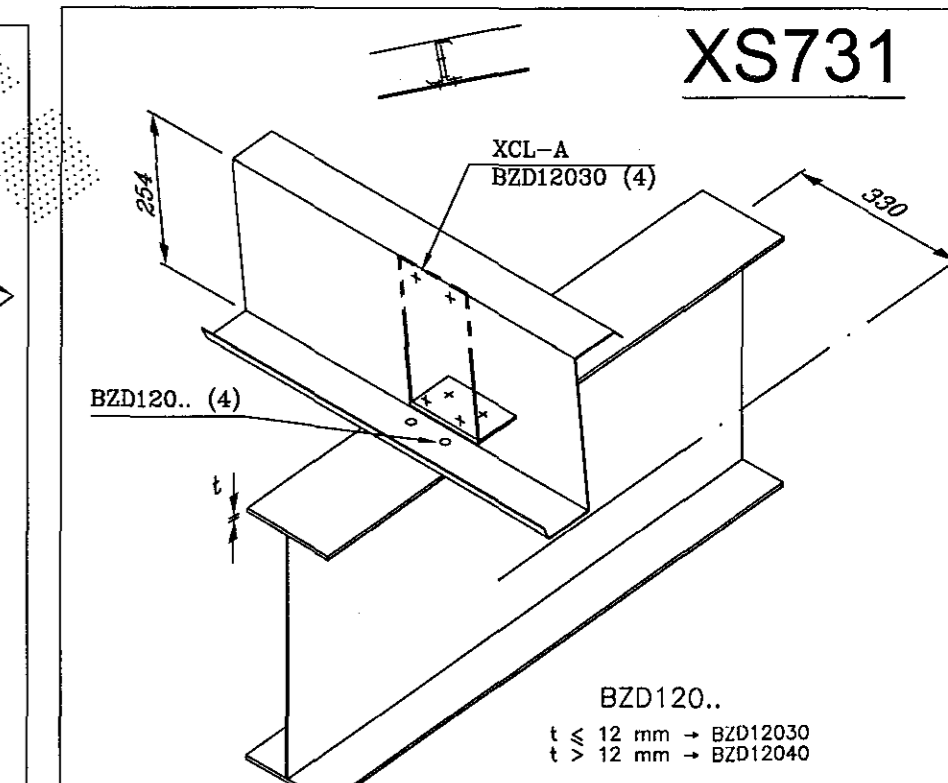
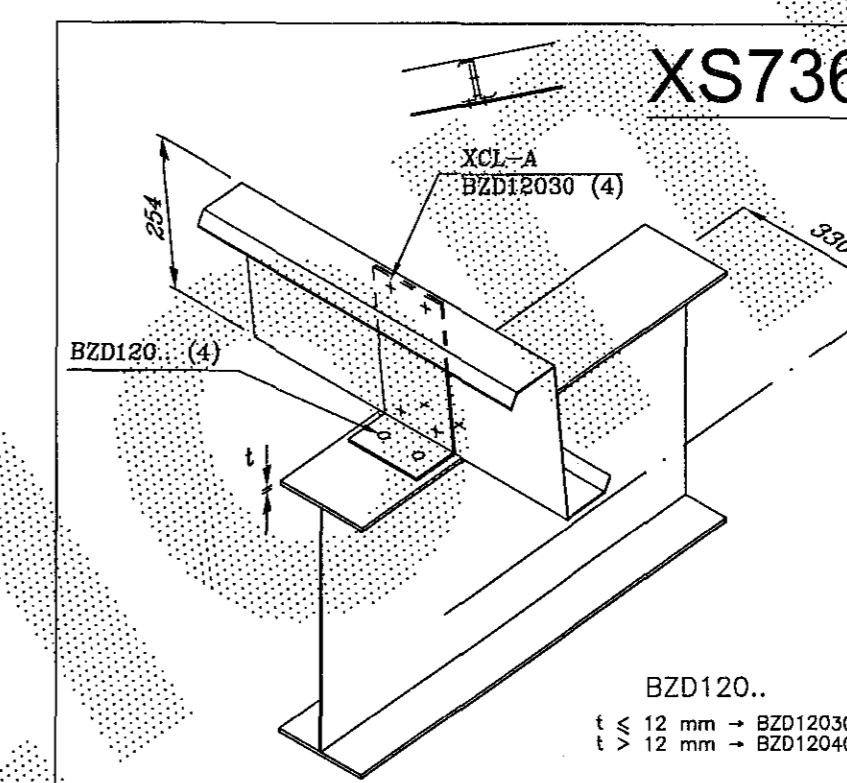
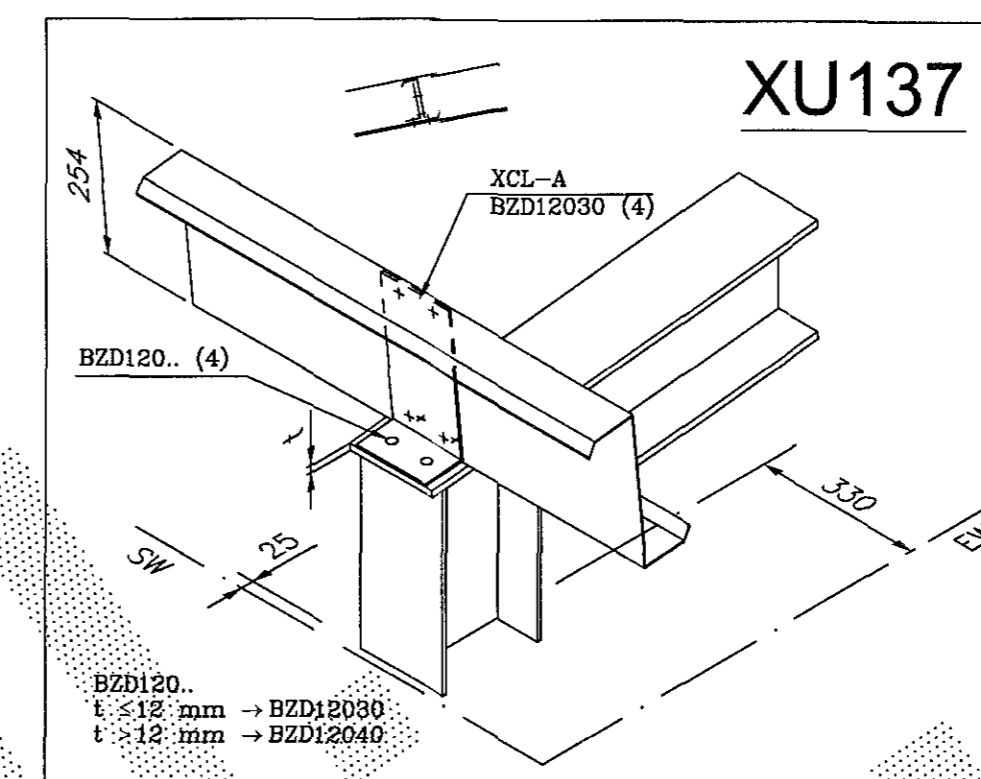


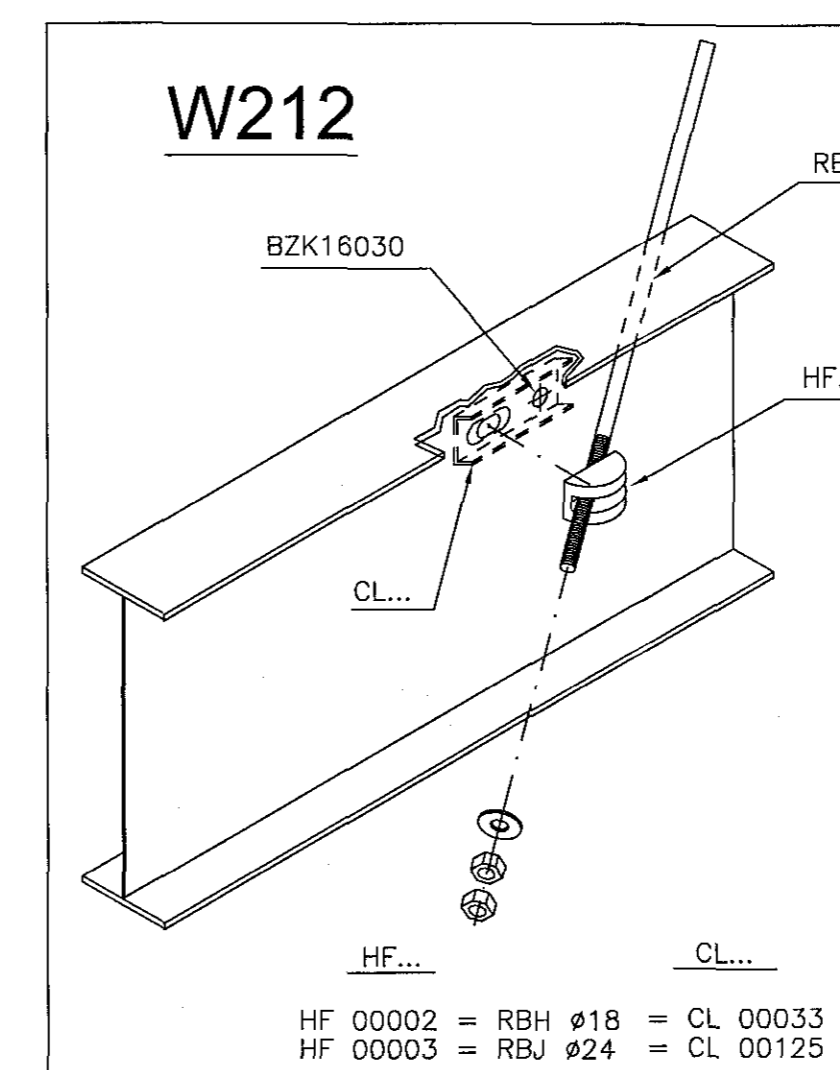
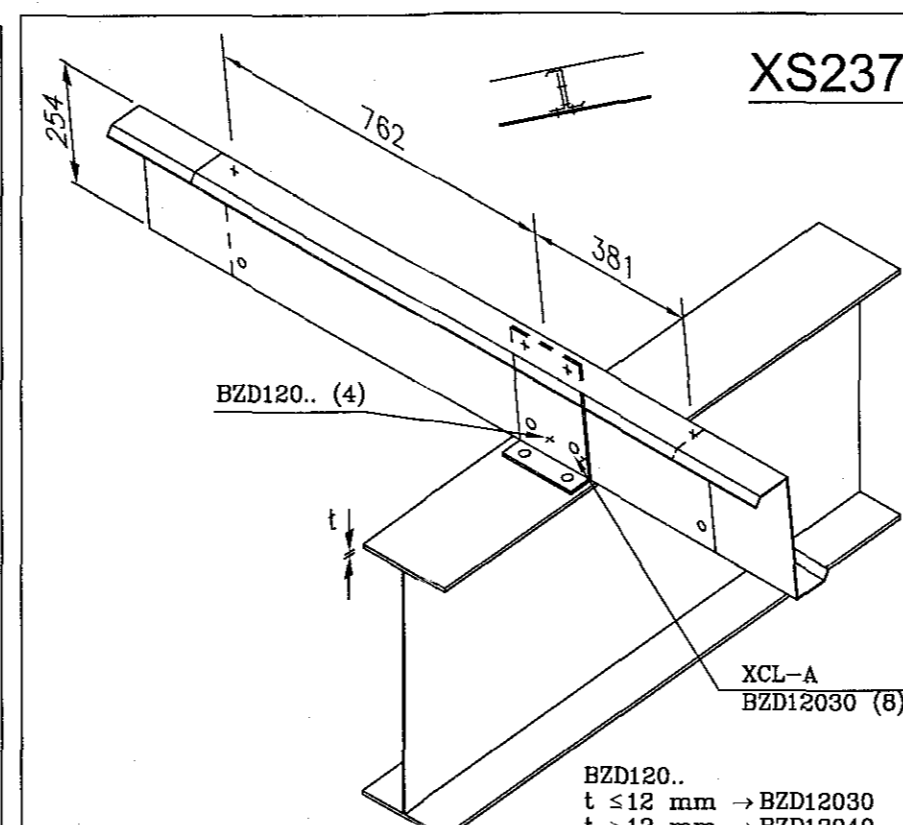
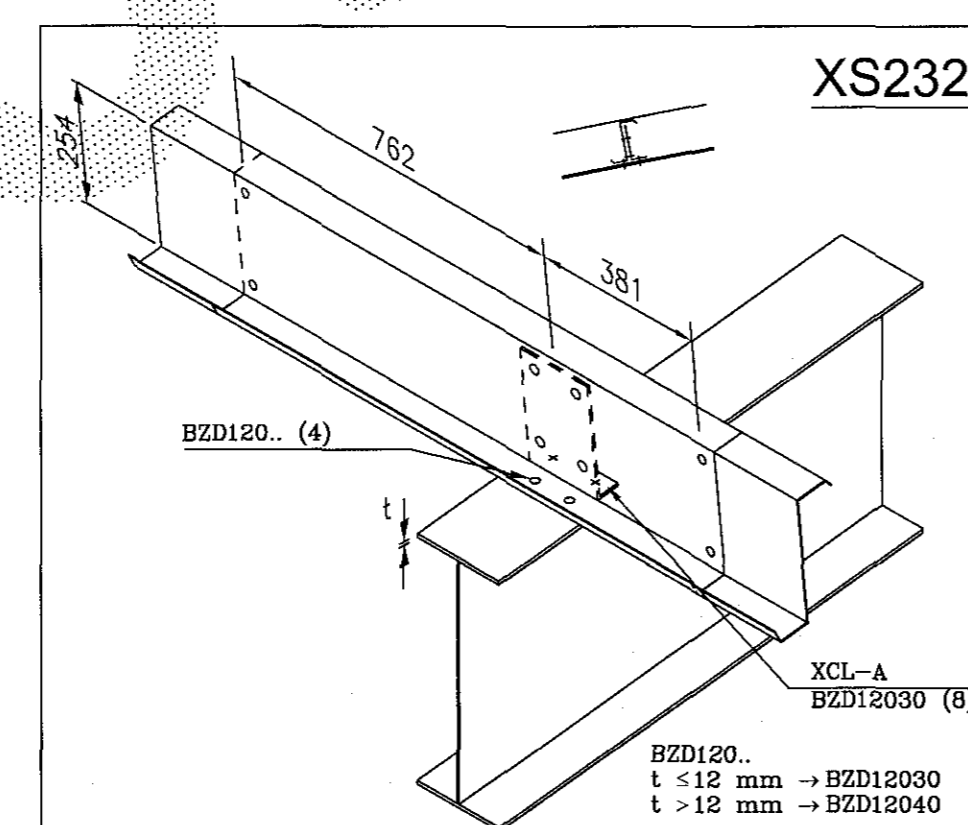
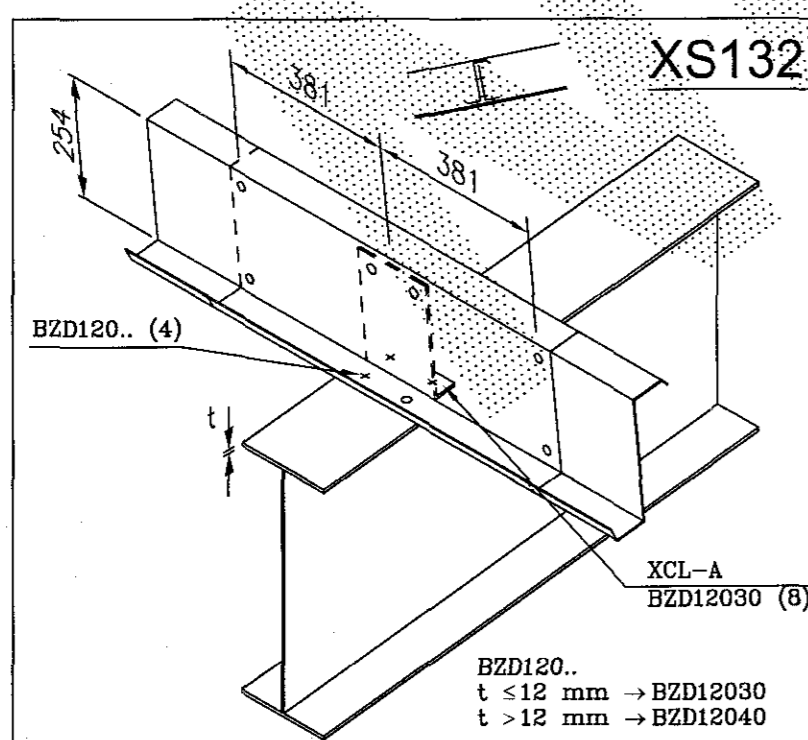
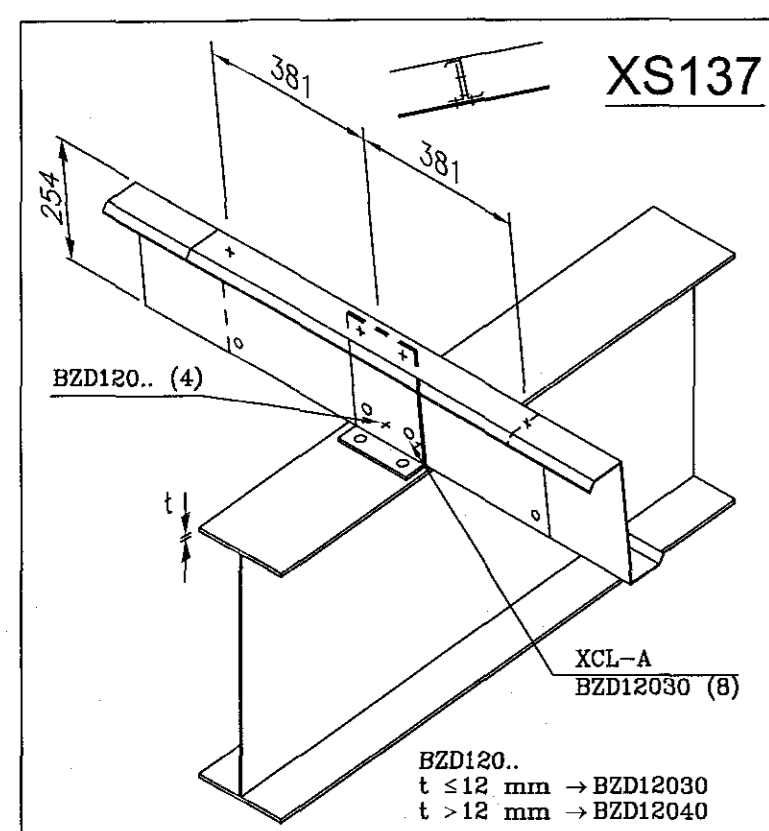
ATTENTION

The complete building must be erected according to the erection documents and manuals as provided by Lindab Buildings 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 Lindab Buildings.
5. Correct number of all purlins and girts spacers (CL 00025, CL 00021...).
6. Correct number and location of double purlins and sag rods (RSG...) and cleats (CL 00140).
7. Correct positioning of the sag rods (RSG...) and cleats (CL 00140).



ROOF FRAMING



Unless noted different:

All BSK- bolts must be installed with 'TORQUE CONTROL' method, with the following torque values:

TORQUE VALUES (Nm)	
10.9 bolts	
M20	450
M22	650
M24	800
M27	1250
M30	1650

All other must be installed 'SNUG TIGHT'

STD PROFILES DESCRIPTION LIST
LCB : ANGLE 50*50*2.0
RBH : TIE ROD DIAM 18
RBJ : TIE ROD DIAM 24
SBG : STRUT PIPE 152 * 3.2
SBH : STRUT PIPE 168 * 4.0
ZL : ZEE LAP COND. 254*2.00
ZLJ : ZEE LAP COND. 254*2.30

NSTD PROFILES DESCRIPTION LIST

TECHNICAL NOTES

- General**
1. Drawings must be read in conjunction with Lindab Buildings Technical M detail W1... chapter
 2. Building components must be erected in accordance with erection information supplied by Lindab Buildings and all applicable local codes and standards.
 3. All measurements are in millimetres
 4. * = Field adapted
 5. # = Typical detail - Unless noted different
 6. 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
 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

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DET: 2T12 W211 W212

1x	08.10.2015	HEGAS (e-mail)
1x	02.10.2015	HEGAS (e-mail)

PROJ: Sæhella 9 - 220 Háaharjörður - Ísland B/D: HEGAS

BUILDING: AL 3.6% SPAN: 30.390m EH: 6.600m L: 37.64m ALT: 14m

LOADS: LL / WL / Adst.: 1.26 / 1.80 / 0.45 (kN/m²) Seismic: ag = 0.2g Importance class of building: EXC2

NORMS: PRIM. EC3 SEC. EC3

ASTRON ROOF FRAMING *fak ása*

REV. A: Added two openings
REV. B.
REV. C.

DATE: 29/09/15
ENG: W.A.Nimm
DRAF: Káral Zoltan
07.10.2015. Z.K.

LINDAB BUILDINGS S.A. - P.O.Box152 - L-9202 DIEKIRCH-LUXEMBOURG - Tel:+352 80 29 11 - Fax:+352 80 34 66

26.10.2015
HÚS OG RÁÐGJÖF ehf.
AKKURTOR OG VERKFRÆÐINGAR
Kjartan 17, 101 Reykjavík
Sími 562-2420 • Fax 562-2400
Hjalti A. Samuelsen

Handwritten signature and date
09/04/2015
2015/10/07