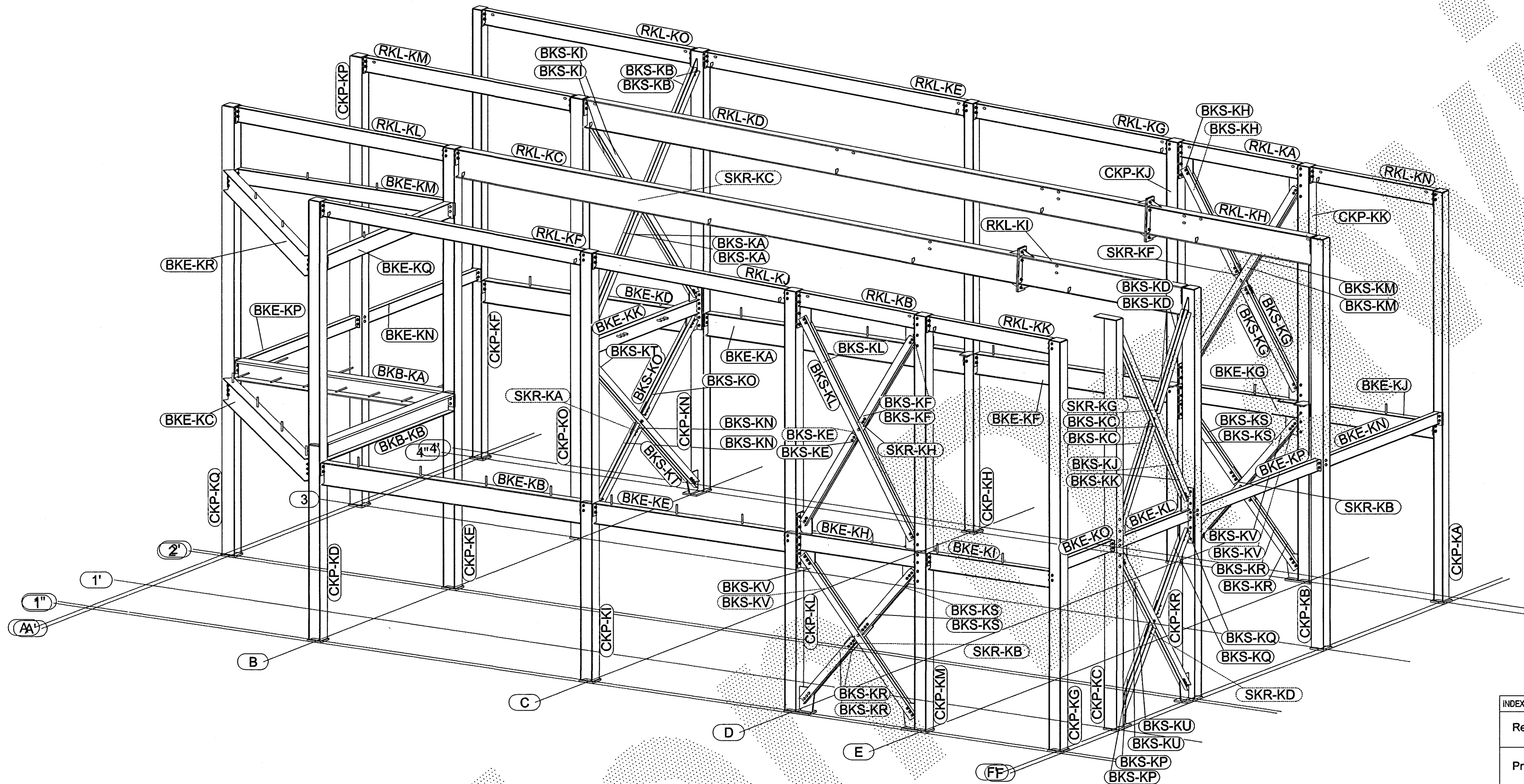


BOLT FOR ASSEMBLY			
PARTNUMBER	PART CONNECTE	BOLTS	QTY
DEFAULT BOLTS : BSF20060 EXCEPT THE BELOW INDICATION			
BKS-KA	BKE-KK	BSK20060	2
BKS-KA	SKR-KC	BSK20060	2
BKS-KB	CKP-KN	BSK20060	2
BKS-KB	SKR-KC	BSK20060	2
BKS-KC	BKE-KL	BSK20055	2
BKS-KC	SKR-KG	BSK20055	2
BKS-KD	CKP-KR	BSK20055	2
BKS-KD	SKR-KG	BSK20055	2
BKS-KE	BKE-KH	BSK20060	2
BKS-KE	SKR-KH	BSK20060	2
BKS-KF	RKL-KB	BSK20060	2
BKS-KF	SKR-KH	BSK20060	2
BKS-KG	BKE-KG	BSK20060	2
BKS-KG	SKR-KF	BSK20060	2
BKS-KH	RKL-KA	BSK20060	2
BKS-KH	SKR-KF	BSK20060	2
BKS-KI	BKE-KK	BSK20060	2
BKS-KI	CKP-KO	BSK20060	2
BKS-KK	BKE-KL BKS-KJ	BSK20055	2
BKS-KK	CKP-KC BKS-KJ	BSK20055	2
BKS-KL	BKE-KH	BSK20060	2
BKS-KL	RKL-KB	BSK20060	2
BKS-KM	BKE-KG	BSK20060	2
BKS-KM	RKL-KA	BSK20060	2
BKS-KN	CKP-KO	BSK20065	3
BKS-KN	SKR-KA	BSK20065	3
BKS-KO	BKE-KK	BSK20065	3
BKS-KO	SKR-KA	BSK20065	3
BKS-KP	CKP-KC	BSK20060	3
BKS-KP	SKR-KD	BSK20060	3
BKS-KQ	BKE-KL	BSK20060	3
BKS-KQ	SKR-KD	BSK20060	3
BKS-KR	CKP-KK	BSK20065	3
BKS-KR	CKP-KL	BSK20065	3
BKS-KR	SKR-KB	BSK20065	3
BKS-KS	BKE-KG	BSK20065	3
BKS-KS	BKE-KH	BSK20065	3
BKS-KS	SKR-KB	BSK20065	3
BKS-KT	BKE-KK	BSK20065	3
BKS-KT	CKP-KN	BSK20065	3
BKS-KU	BKE-KL	BSK20060	3
BKS-KU	CKP-KR	BSK20060	3
BKS-KV	BKE-KG	BSK20065	3
BKS-KV	BKE-KH	BSK20065	3
BKS-KV	CKP-KJ	BSK20065	3
BKS-KV	CKP-KM	BSK20065	3
RKL-KH	RKL-KD	BSK20075	8
RKL-KI	RKL-KC	BSK20075	8
SKR-KA	BKS-KT BKS-KT	BSK20065	1
SKR-KB	BKS-KV BKS-KV	BSK20065	1
SKR-KC	BKS-KI BKS-KI	BSK20060	1
SKR-KD	BKS-KU BKS-KU	BSK20060	1
SKR-KF	BKS-KM BKS-KM	BSK20060	1
SKR-KG	BKS-KK BKS-KJ	BSK20055	1
SKR-KH	BKS-KL BKS-KL	BSK20060	1
BKS-KK BKS-KJ	SKR-KG	BSK20055	1
BKE-KL	BKS-KC	BSK20055	2
SKR-KG	BKS-KC	BSK20055	2
CKP-KR	BKS-KD	BSK20055	2
SKR-KG	BKS-KD	BSK20055	2
BKE-KL BKS-KJ	BKS-KK	BSK20055	2
CKP-KC BKS-KJ	BKS-KK	BSK20055	2
BKS-KI BKS-KI	SKR-KC	BSK20060	1
BKS-KU BKS-KU	SKR-KD	BSK20060	1
BKS-KM BKS-KM	SKR-KF	BSK20060	1
BKS-KL BKS-KL	SKR-KH	BSK20060	1
BKE-KK	BKS-KA	BSK20060	2
SKR-KC	BKS-KA	BSK20060	2
CKP-KN	BKS-KB	BSK20060	2
SKR-KC	BKS-KB	BSK20060	2
BKE-KH	BKS-KE	BSK20060	2
SKR-KH	BKS-KE	BSK20060	2
RKL-KB	BKS-KF	BSK20060	2
SKR-KH	BKS-KF	BSK20060	2
BKE-KG	BKS-KG	BSK20060	2
SKR-KF	BKS-KG	BSK20060	2
RKL-KA	BKS-KH	BSK20060	2
SKR-KF	BKS-KH	BSK20060	2
BKE-KK	BKS-KI	BSK20060	2
CKP-KO	BKS-KI	BSK20060	2
BKE-KH	BKS-KL	BSK20060	2
RKL-KB	BKS-KL	BSK20060	2
BKE-KG	BKS-KM	BSK20060	2
RKL-KA	BKS-KM	BSK20060	2
CKP-KC	BKS-KP	BSK20060	3
SKR-KD	BKS-KP	BSK20060	3
BKE-KL	BKS-KQ	BSK20060	3
SKR-KD	BKS-KQ	BSK20060	3
BKE-KL	BKS-KU	BSK20060	3
CKP-KR	BKS-KU	BSK20060	3
BKS-KT BKS-KT	SKR-KA	BSK20065	1
BKS-KV BKS-KV	SKR-KB	BSK20065	1
CKP-KO	BKS-KN	BSK20065	3
SKR-KA	BKS-KN	BSK20065	3
BKE-KK	BKS-KO	BSK20065	3
SKR-KA	BKS-KO	BSK20065	3
CKP-KK	BKS-KR	BSK20065	3
CKP-KL	BKS-KR	BSK20065	3
SKR-KB	BKS-KR	BSK20065	3
BKE-KG	BKS-KS	BSK20065	3
BKE-KH	BKS-KS	BSK20065	3
SKR-KB	BKS-KS	BSK20065	3
CKP-KN	BKS-KT	BSK20065	3
BKE-KG	BKS-KV	BSK20065	3
BKE-KH	BKS-KV	BSK20065	3
CKP-KJ	BKS-KV	BSK20065	3
CKP-KM	BKS-KV	BSK20065	3
RKL-KD	RKL-KH	BSK20075	8
RKL-KC	RKL-KI	BSK20075	8



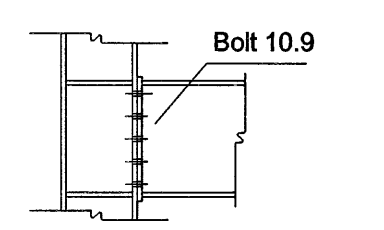
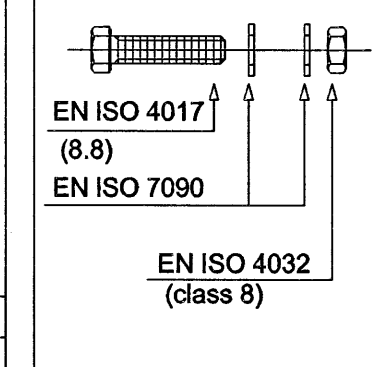
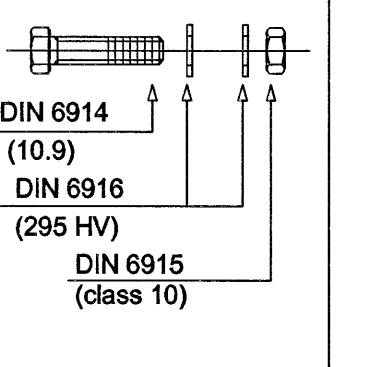


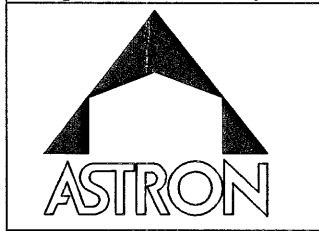
PERSPECTIVE VIEW

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 :

- Correct amount, type, position and installation of flange bracings (LF- ; XLF-) in roof and walls.
- Double nuts on the wind bracing rods and wind bracing being fastened.
- 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.
- Correct fastening of all the structural bolts using the method as specified by ASTRON
- Correct number of all purlins and girts spacers (CL 00025, CL 00021...).
- Correct number and location of double purlins.
- Correct positioning of the sag rods (RSG..) and cleats (CL 00140).

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'

INDEX	NAME	MODIFICATION	DATE														
Remarks:																	
Primary bolted connections:																	
1) Except stability connections, shim plates can be distributed uniformly at each end of the beam. 2) For the tightening of the bolts to the torque, see table below.																	
Torque for 100% tightened bolts (1.0 Pv) in daNm. 		BSF  EN ISO 4017 (8.8) EN ISO 7090 EN ISO 4032 (class 8)	BSK  DIN 6914 (10.9) DIN 6916 (295 HV) DIN 6915 (class 10)														
<table border="1"> <thead> <tr> <th>Bolt</th> <th>M16</th> <th>M20</th> <th>M22</th> <th>M24</th> <th>M27</th> <th>M30</th> </tr> </thead> <tbody> <tr> <td>10.9</td> <td>25</td> <td>45</td> <td>65</td> <td>80</td> <td>125</td> <td>165</td> </tr> </tbody> </table>		Bolt	M16	M20	M22	M24	M27	M30	10.9	25	45	65	80	125	165		
Bolt	M16	M20	M22	M24	M27	M30											
10.9	25	45	65	80	125	165											
Notes:																	
1) List of drawings in appendix. 2) Documentations to be consulted: - Technical and erection manual. 3) Design and drawing of foundation by a local engineering department. 4) Table of the loads: see design calculation. 5) All dimensions in millimeters. 6) All the primary bolts, except indicated otherwise, are galvanized and tightened according to the "snug tight" method. 7) Steel quality (unless indicated otherwise): - Plates: S355J2G3. - Profiles: S235JRG2. 8) Any anomaly will be pointed out to Astron immediately, before doing any modification on site.																	
Legend:		Building location:  19 JULI 2007 Byggingulltrúinn í Hafnarfirði F.h.Sigurbjartur Halldórsson															
1) * = to adapt on site. 2) N.B.A. = Not By Astron.		Details Building site address:  Iceland															
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BVD: MEST PROJECT: FEDEX, Selhella 9		133634 PE-1															
ERECTION PLAN PERSPECTIVE VIEW		REV															

23. Mars 2007
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