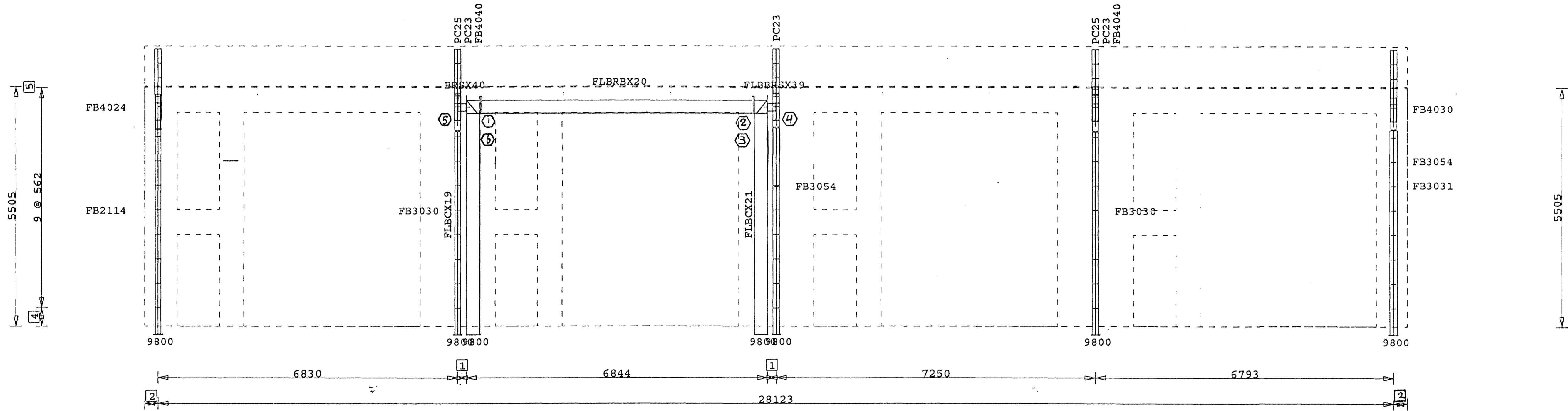
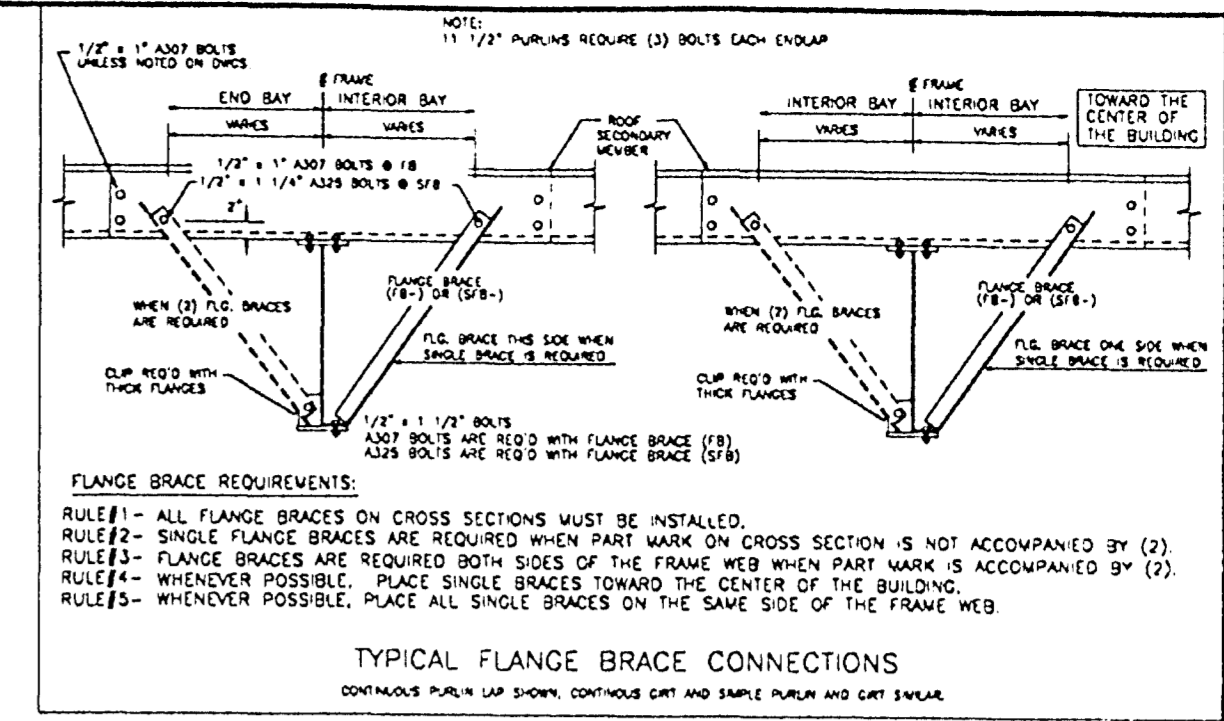


PRIMARY FRAMING SIZE CHART					
PART-NO	FLG THK X WD	WEB THK	DEPTH	APPROX. SHIP	START/END LENGTH
FLBCX19	6.35 X 216	4.2	308/305	5388	
FLBRBX20	6.35 X 216	4.2	305/305	6170	
FLBCX21	6.35 X 216	4.2	308/305	5388	
FLBRSX39	6.35 X 152	4.8	177/178	190	
BRSX40	6.35 X 152	4.8	178/177	190	

A325 BOLT CONNECTION CHART				
No	Qty	Diameter	Length	
1	8	25	89	
2	8	25	89	
3	4	19	44	
4	4	19	44	
5	4	19	44	
6	4	19	44	

FRAME CLEARANCES  
 Vertical Clearance Under Frame at FLBCX19 = 4883  
 Vertical Clearance Under Frame at FLBCX21 = 4883  
 Horizontal Clearance Between FLBCX19 & FLBCX21 = 6234  
 Finished Floor Elevation = 10000 (Unless Otherwise Noted)  
 All Dimensions are in millimeters [mm.] -Unless Noted



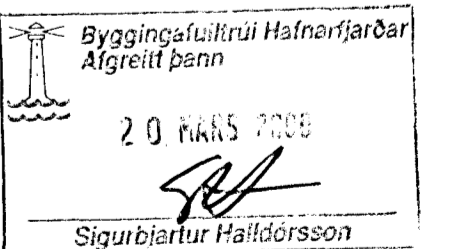
- 5 33
- 4 414
- 2 305
- 1 203

# SEE A325 BOLT CONNECTION CHART

Elevation at Frame Line A1

Verkfræðistofa Norðurlands ehf.  
 Hofsbót 4 600 Akureyri. kt. 560175-0869  
 Eiríkur Jónsson byggingaverkfr.  
 kt. 051045-4679

VERKFRÆÐISTOFA NORÐURLANDS EHF.



On: filesrv Projky: 38890 Bldg: 1 Plane: 13

This Drawing is Sealed only as to the Components furnished by VP Buildings

- A325 HIGH STRENGTH BOLTS SHALL BE TIGHTENED IN ACCORDANCE WITH THE NOVEMBER 13, 1985, ALLOWABLE STRESS DESIGN "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS" SECTION 8. (d) (1) "TURN-OF-NUT TIGHTENING".
- USE 1/2" DIA. A307 BOLTS FOR PURLIN TO FRAME, GIRT TO FRAME, AND GIRT TO CLIP CONNECTIONS UNLESS NOTED OTHERWISE. SEE JOB DETAILS FOR BOLT LENGTHS.
- INSTALLATION OF ADEQUATE TEMPORARY BRACING FOR USE UNTIL CONSTRUCTION IS COMPLETE, IS THE RESPONSIBILITY OF THE ERECTOR.

Building Code:	86MBMA
Live Ld(W/Trib Red):	102.5 kgsm
Coll. Ld (gravity):	24.4 kgsm
Coll. Ld (uplift):	0.0 kgsm
Wind Speed:	170.6 kmph
Wind Exp. Cat.:	C
Ground Snow:	146.5 kgsm
Roof Snow:	102.5 kgsm
Snow Exp. Cat.:	3
Seismic Zone:	3
Building Use Cat.:	1
Auxiliary Loads	NONE

This Drawing, including the information hereon, remains the property of VP Buildings.  
 It is provided for Erecting the Building described in the applicable Purchase Order and shall not be modified, reproduced or used for any other purpose without prior written approval of VP Buildings.  
 The General Contractor and/or Erector is solely responsible for accurate, good Quality Workmanship in erecting this Building in conformance with this Drawing. Details referenced in this Drawing, all applicable VP Buildings erection Details and all Industry Standards pertaining to proper erection, including the correct use of temporary bracing.

REV	DATE	BY	DESC.	BUILDER
				Varco-Pruden Exports
				CUSTOMER Sindri
				LOCATION Iceland,
				PROJECT Sindri Workshop
				BUILDING workshop 1

QUOTE #	ME99012531-001 . ME99	JOB #	70314-01-OE
DATE	08/15/99	TIME	23:40
DRAW/CHECK	DHG	PAGE	9



SCALE NTS