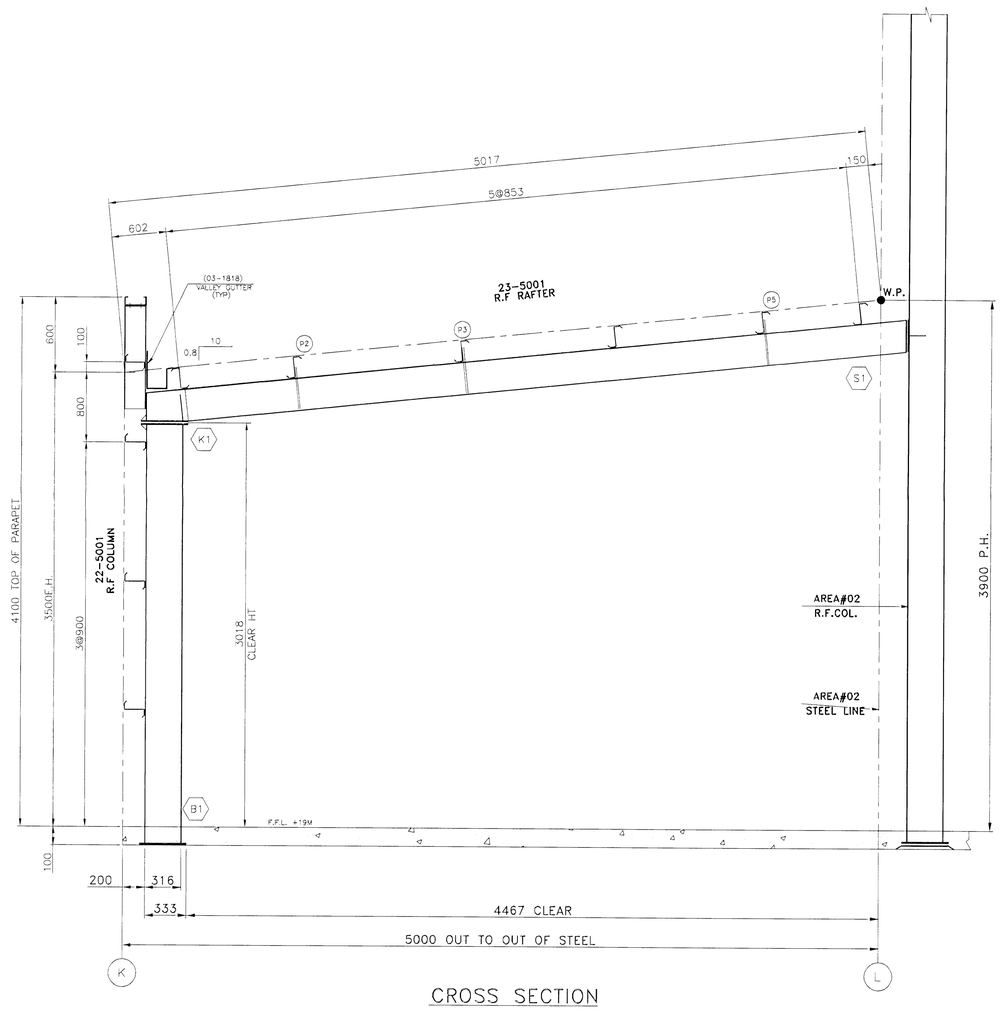
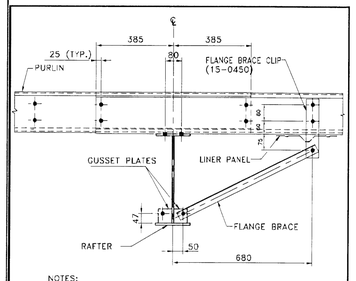
CROSS SECTION SCHEDULE (LEAN-TO-FRAME)

| BOLT SCHEDULE | | | | FLANGE BRACE | |
|---|---|---|---|---|---|
| CONN | QTY | SIZE | LENGTH | MARK | PART MARK |
| B1 | 4 | M20 | 500 | P2 | 07-5308 |
| K1 | 6 | M20 | 80 | P3 | 07-5308 |
| S1 | 4 | M20 | 80 | P5 | 07-5308 |




CROSS SECTION

(@ GRID LINES 10 & 11)




NOTES:
1. ALL BOLTS ARE M12 x 35mm MSB.
2. FIELD SLT LINER PANEL TO SUIT FLANGE BRACE CLIP

FLANGE STAY WITH CONTINUOUS LAP (FCE-041)

## IMPORTANT NOTES

1 – High strength bolts (HSB) are galvanized while mild steel bolts (MSB) are electro plated (yellow chromate conversion). These bolts are marked on the heads so that they can be easily identified.

2 – The correct type of bolts must be used as called for on the details. Using wrong type of bolts may cause building failure at the erector's responsibility.

3 – Continuous machine submerged arc weldings (S.A.W.) meet the applicable requirements of the American Welding Society (A.W.S.) D1.1-2004.

4 – Web-to-flange welds are single side fillet welds in accordance with the ninth edition of the AISC Table J2.4 Page 5-67 unless noted otherwise.

5 – Web-butt welds are complete penetration using flux back-up (16mm plate max.)

6 – Flange butt welds are on both sides with copper back-up. Flanges 19mm or thicker are beveled prior to assembly.

7 – Gusset plates for flange braces are welded on both sides of the column and rafter, however flange braces are required at one side (unless noted otherwise). For aesthetic reasons, it is preferable to install them all at the same side of column and rafter. The side chosen depending on erection sequence.

Samþykkt þann
24 JUNI 2008
Byggingarfulltrúinn í Hafnarfirði
F.h. Hrólfur S. Gunnlaugsson

ASK
2 6. maí 2008

VST Verkfræðistofa Sigurðar Thoroddsen hf.
F.h. VST hf. Hjörtur Hansson 150746-4929

| NO. | DATE | DESCRIPTION | DRN | CHK | DSN |
|---|---|---|---|---|---|
| 2 | 20.03.2008 | ISSUED FOR CONSTRUCTION | NSK | TPS | IPC |
| 1 | 24.11.2007 | RE-ISSUED FOR APPROVAL | MGK | VRA | IPC |
| 0 | 25.10.2007 | ISSUED FOR APPROVAL | KRT | VRA | IPC |

ZAMIL STEEL
ENGINEERING DEPARTMENT

ZS JOB NO. : V7-D567 BUILDING NO.: 01
PROJECT NAME : HEDINN HOUSE
CUSTOMER : HEDINN
JOBSITE LOCATION : HAFNAFIRDI, ICELAND
DRAWING TITLE : CROSS SECTION @ G.L – 10 & 11
DRAWING NO. E07