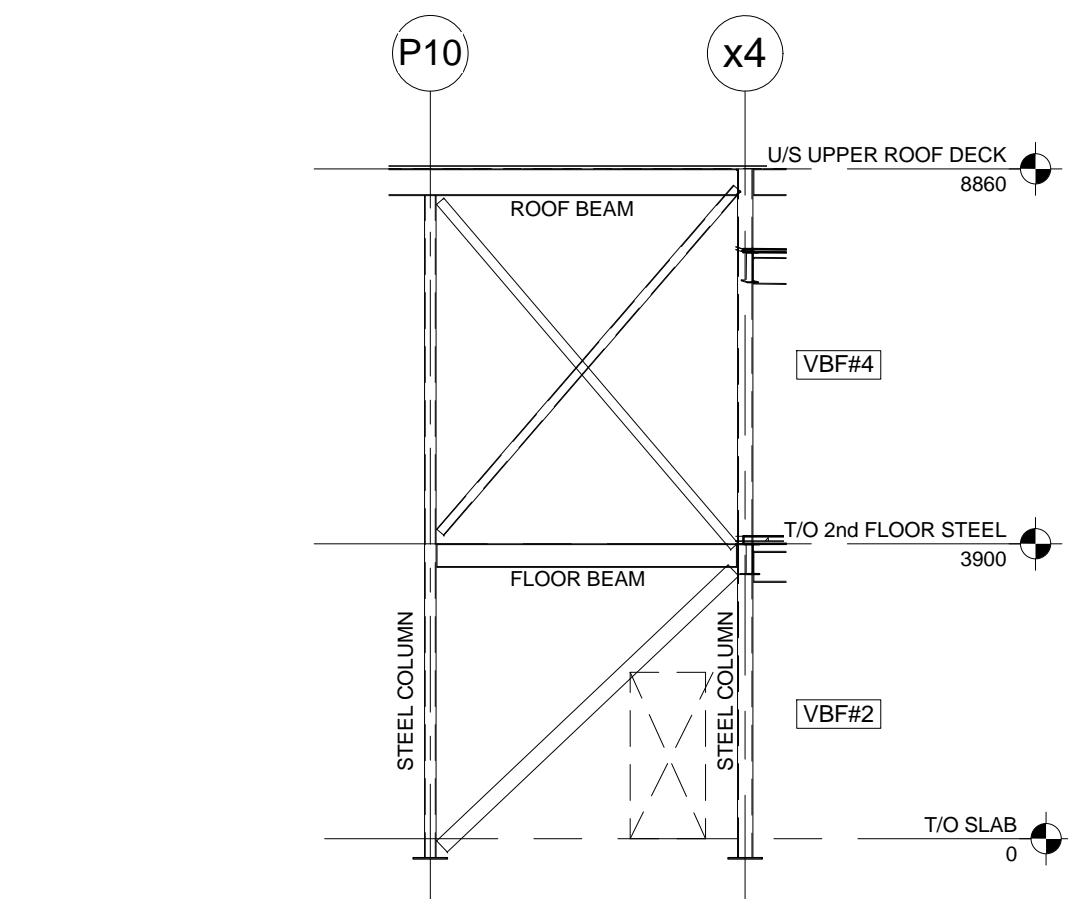
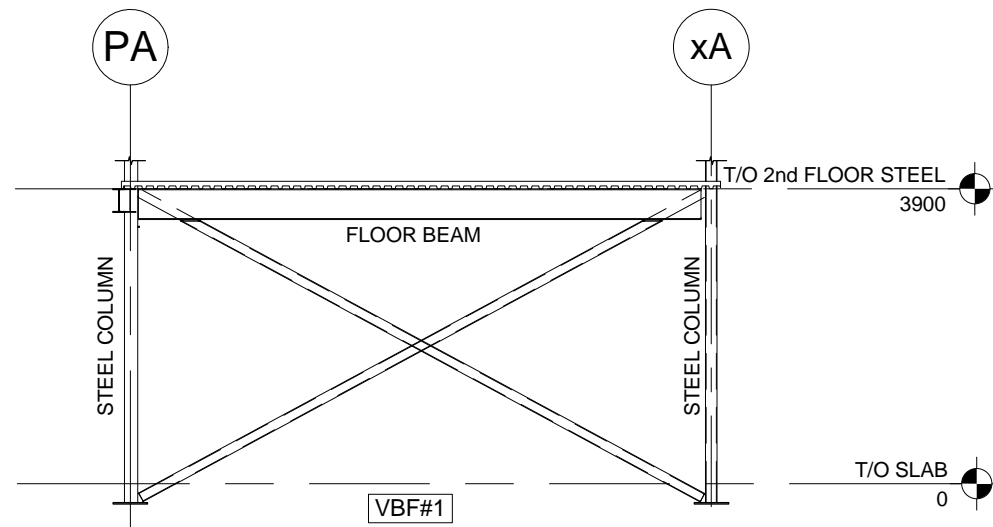


DIALOG™

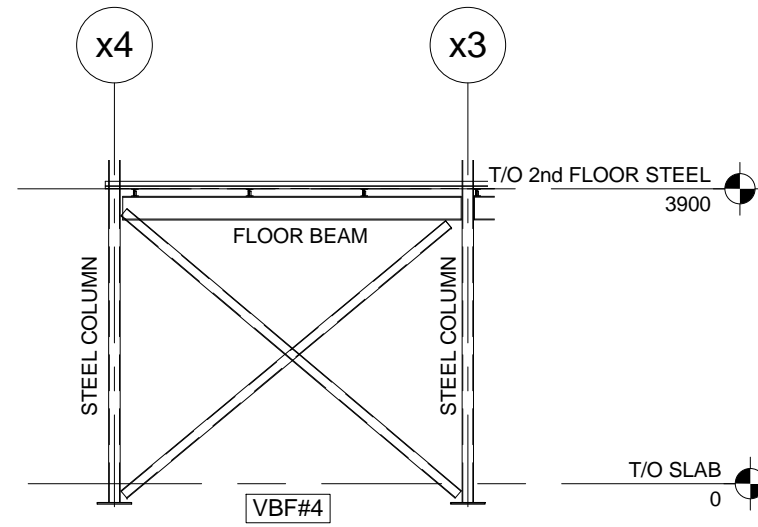
stamp



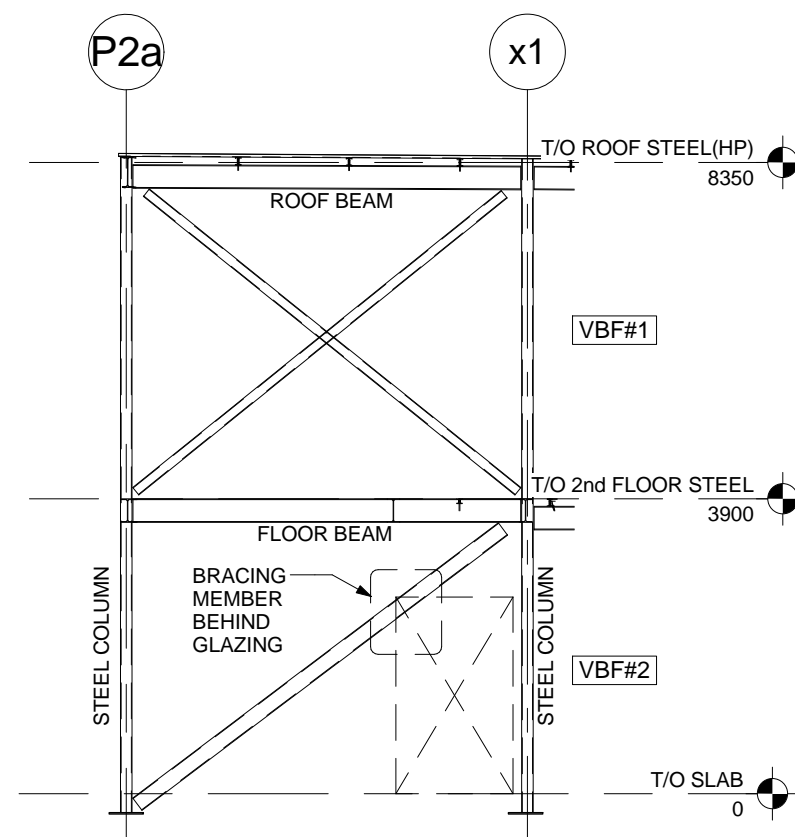
1 ELEVATION ALONG GRID "PA"
S5.02 1 : 100



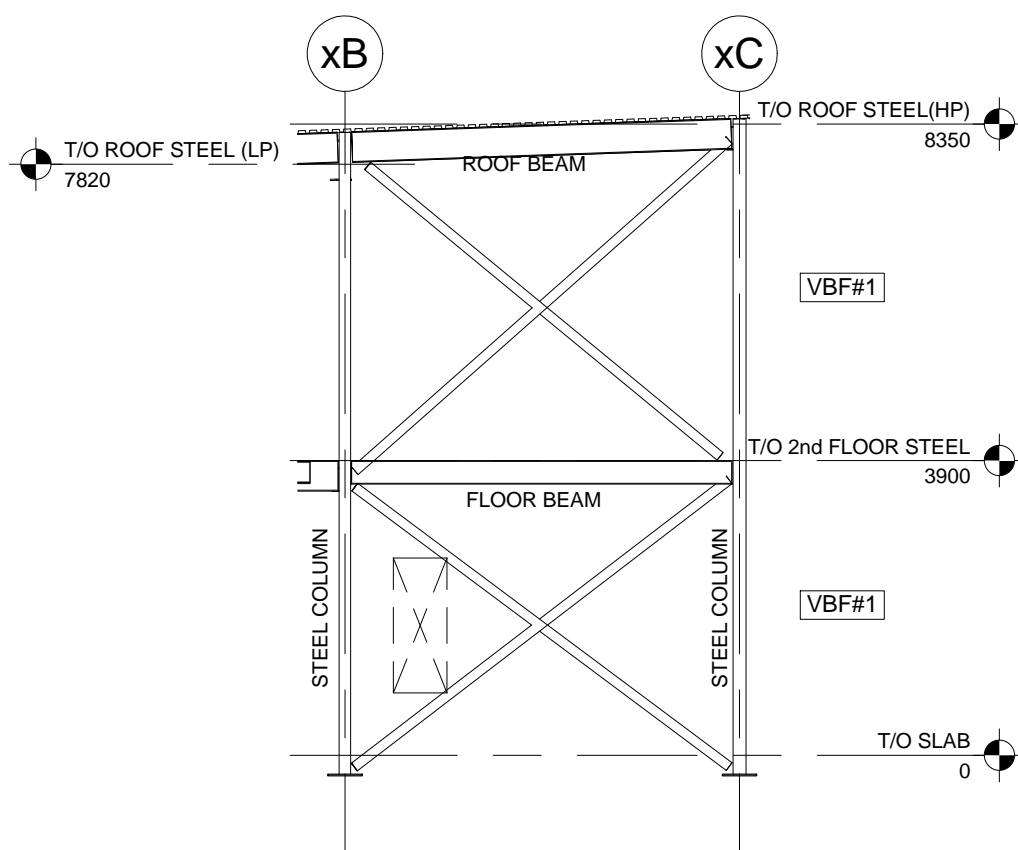
2 ELEVATION ALONG GRID "x4"
S5.02 1 : 100



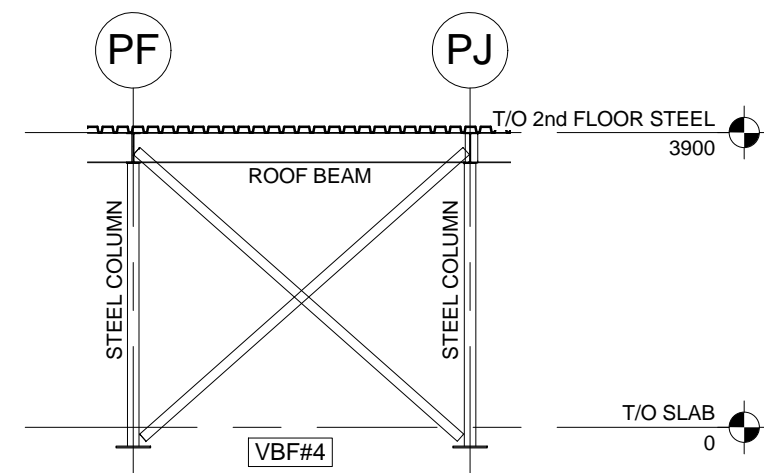
3 ELEVATION ALONG GRID "xA"
S5.02 1 : 100



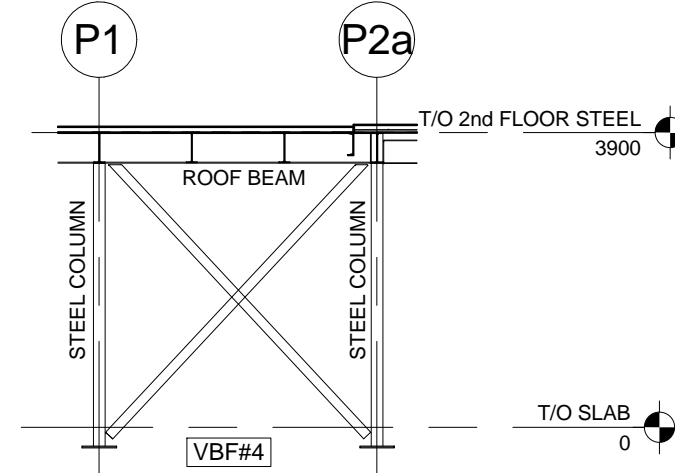
4 ELEVATION ALONG GRID "xC"
S5.02 1 : 100



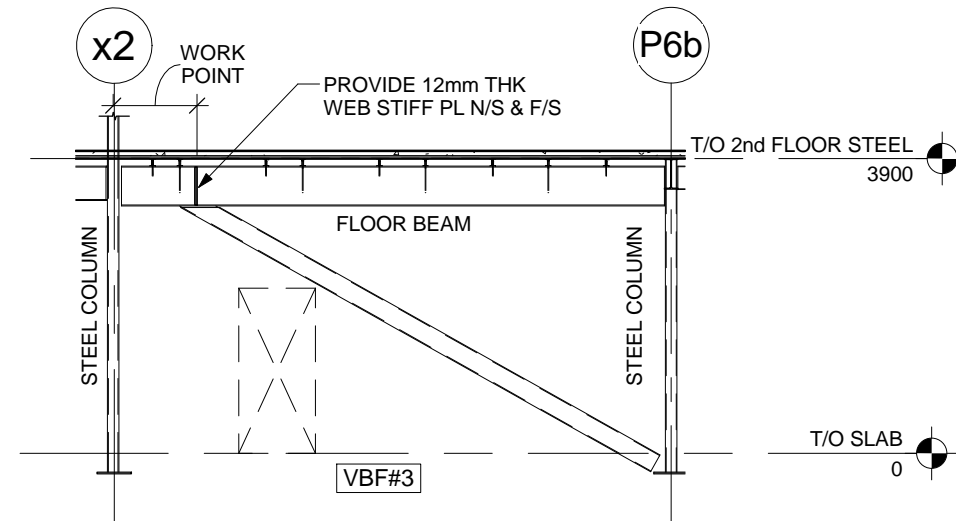
5 ELEVATION ALONG GRID "P2a"
S5.02 1 : 100



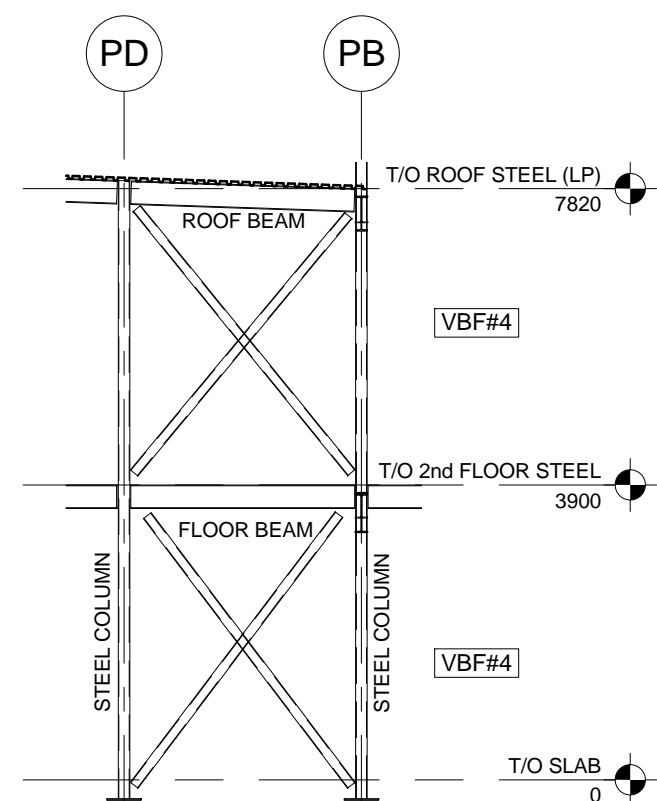
6 ELEVATION ALONG GRID "P1"
S5.02 1 : 100



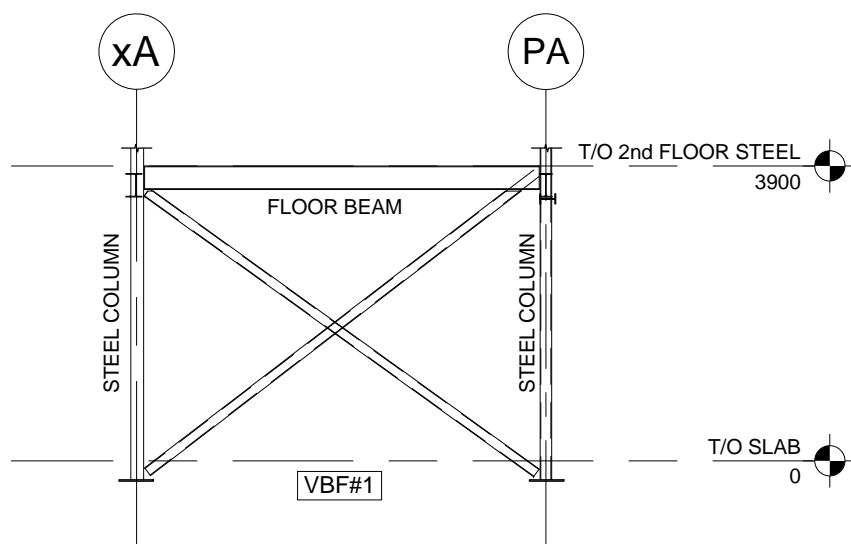
7 ELEVATION ALONG GRID "PJ"
S5.02 1 : 100



8 ELEVATION ALONG GRID "PK"
S5.02 1 : 100



9 ELEVATION ALONG GRID "P6a"
S5.02 1 : 100



10 ELEVATION ALONG GRID "P5"
S5.02 1 : 100

DIAGONAL BRACE FRAME SCHEDULE

| MARK NO. | BRACE SIZE | FACTORED MEMBER LOADS | |
|----------|--------------------------|------------------------|--|
| VBF #1 | HSS 127X127x8.0 | Tf=200 kN Cf=100 kN | |
| VBF #2 | HSS 203X152x9.5 (LSV) | Tf=Cf=250 kN | |
| VBF #3 | HSS 254X152x9.5 (LSV) | Tf=Cf=250 kN | |
| VBF #4 | HSS 127X76x6.4 (LSH) | Tf=200 kN Cf=100 kN | |

NOTES:

- LOADS INDICATED ARE FACTORED TENSION / COMPRESSION FORCES (kN) FOR DESIGN OF END CONNECTIONS.
- MIN. GUSSET PLATE THICKNESS AT END OF BRACE MEMBERS TO BE 19mm THICK. STEEL FABRICATOR TO PROVIDE ADDITIONAL STIFFENERS AS REQ'D FOR OUT OF PLANE BUCKLING.
- PROVIDE 13mm THICK WEB STIFFENER PLATES BOTH SIDES OF FLOOR / ROOF BEAM AT TOP OF CHEVRON / DIAGONAL BRACES.

A detail no.
no. du détail
B drawing no. - where detail required
dessin no. - où détail exigé
C drawing no. - where detailed
dessin no. - où détaillé

project title
titre du projet

GRAND VALLEY INSTITUTION FOR WOMEN
1575 HOMER WATSON BLVD.
KITCHENER, ONTARIO, N2P2C5

PRINCIPAL ENTRANCE BUILDING

drawing title
titre du dessin

**BRACE FRAME
ELEVATIONS**

drawn by
dessiné par KAZ

designed by
conc par NM

approved by
approuvé par DK

bid
offre RP project manager
administrateur de projets

project date
date du projet 10/24/2012

project no.
no. du projet DIALOG NO. 09487T.02
R.047995.001

drawing no.
dessiné no. **S5.02**