



Blue Planet Fashion Wear Ltd.

Kewa, Sreepur, Gazipur-1740.

(24.218011N, 90.422983E)

13th January 2019 & 23rd January 2019.





Observations

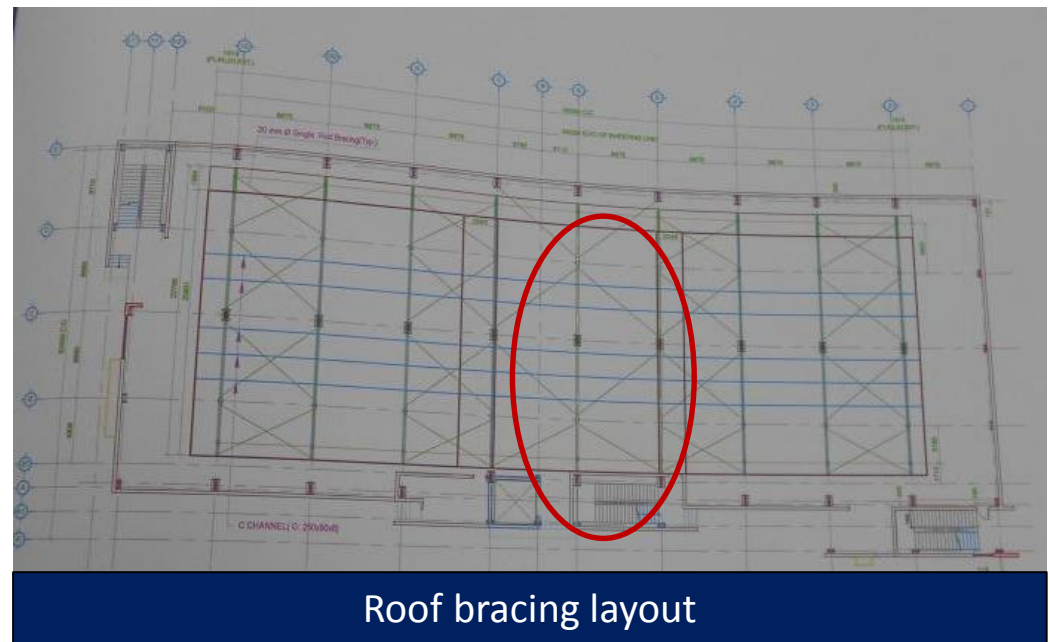


Discrepancies Between Provided Drawing and On-Site Condition

Observations of Factory Building



Red marked roof bracing is missing in on site.



Roof bracing layout



Roof bracing in between grid 5 to 7

On-site roof bracing between 5 to 7 grid was found different than the provided bracing layout drawing. Factory is required to install the roof bracing as per drawing otherwise provide Engineering Assessment for the roof shed.

Observations of Factory Building



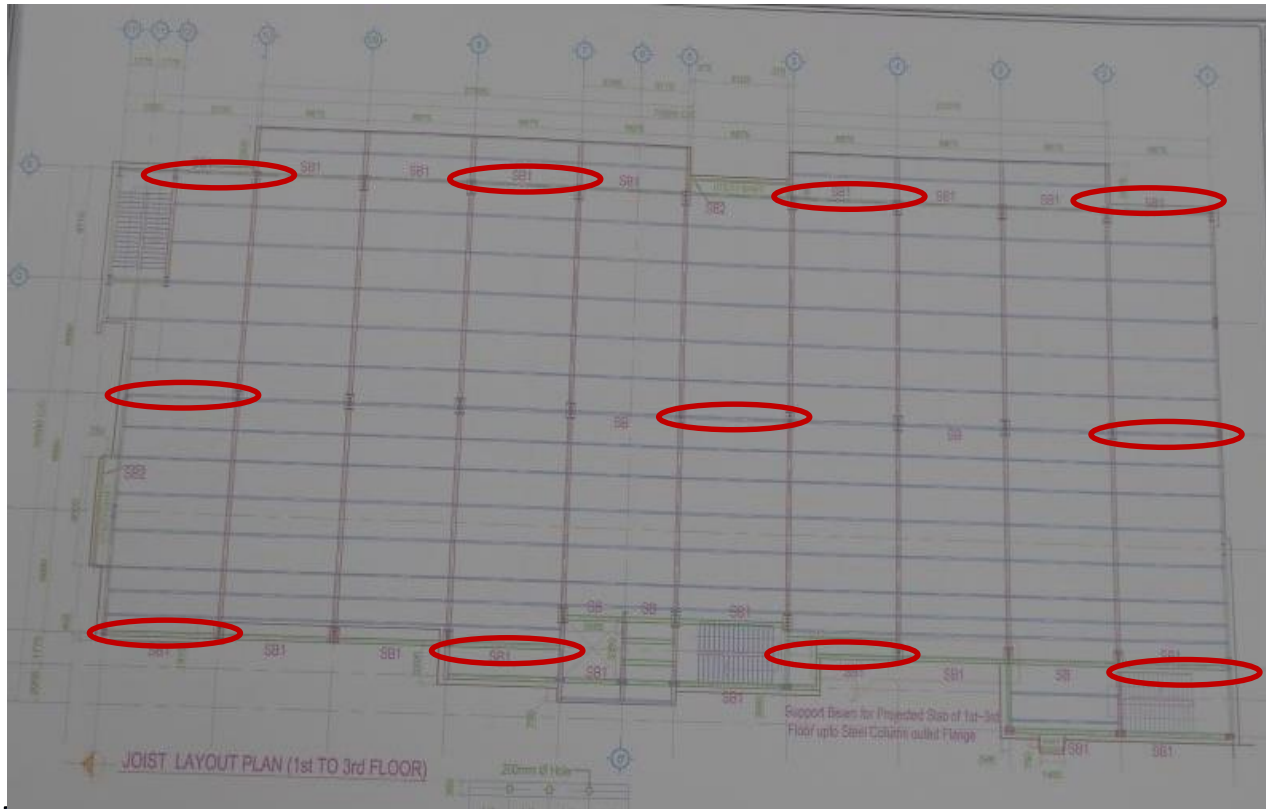
Frame section of grid 5 & 7

Red marked I joist was not installed in the grid of 5 & 7 as per the drawing. Factory engineer is required to install the missing members as per drawing otherwise provide Engineering Assessment for the roof shed.



Frame section view of grid 7

Observations of Factory Building



Portal bracing location plan



Portal bracing
Section

As per the sub-beam layout, sub-beams are shown in the portal bracing position where no sub-beam exist in on-site condition. Factory is required to provide portal frame layout and cross sectional drawing and revise the sub-beam and joist layout. Factory engineer is require to check the stability of the building.

Observations of Factory Building

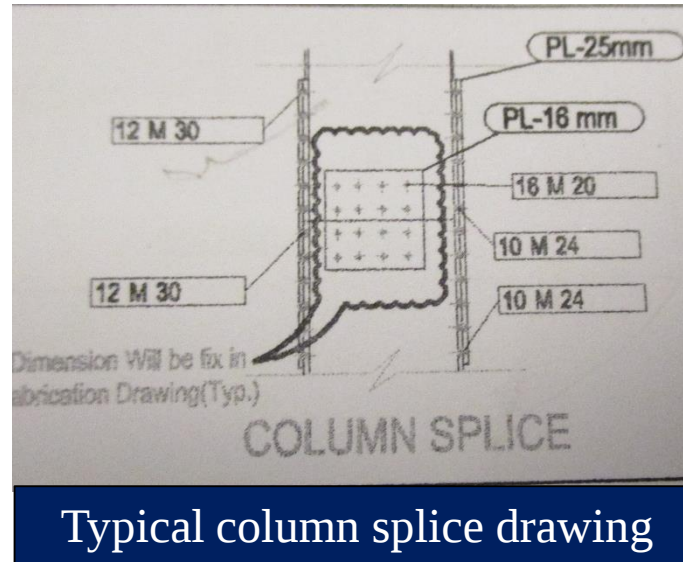


Design adequacy check required for the column splice connections

Observations



Column Splice in roof



Typical column splice drawing



Typical column splice

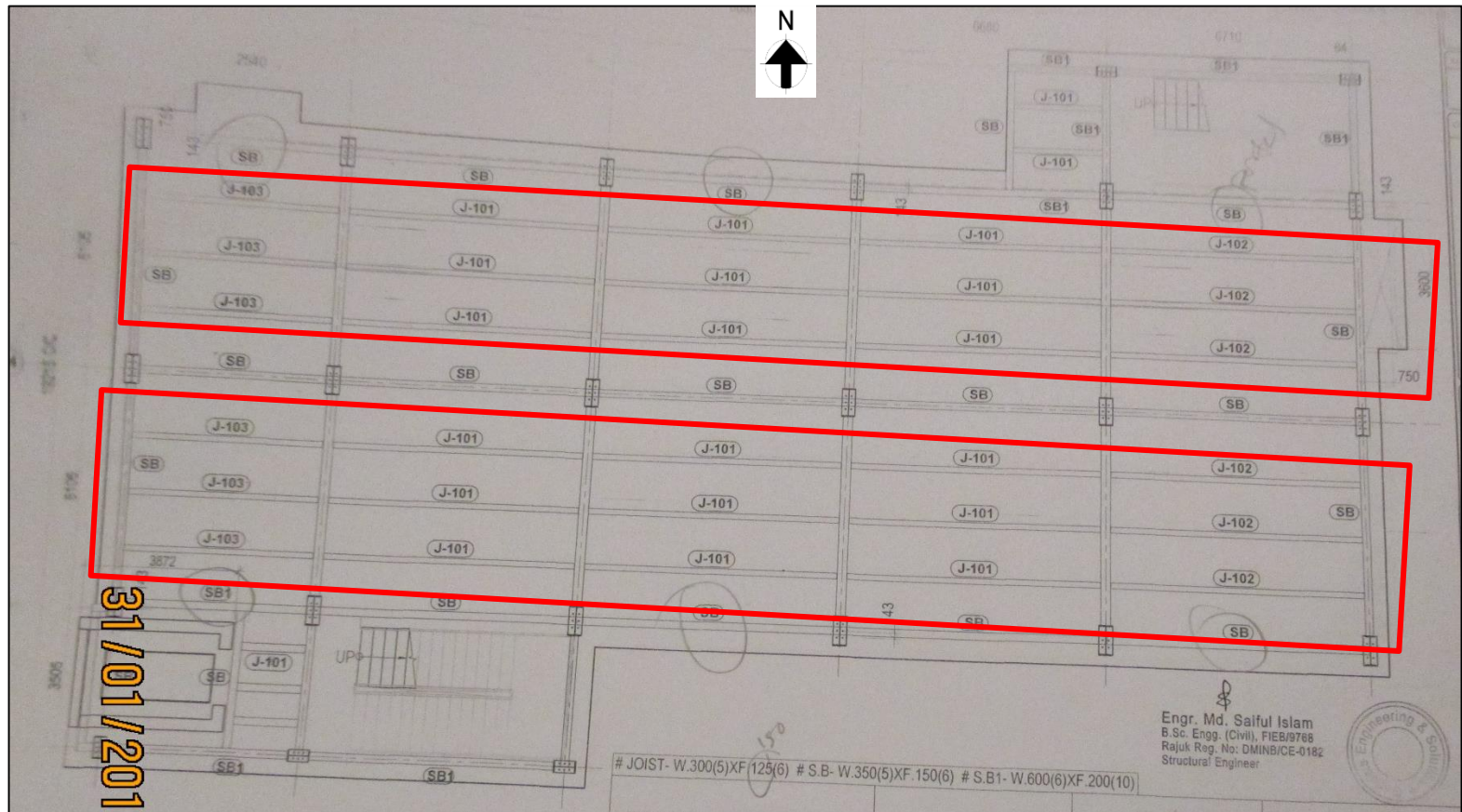
Discrepancies were observed in the column splice connections between as built drawing and on site structure. Factory is required to update the splice connection drawing and provide detail adequacy check of the connections.

Observations of Factory Building



Discrepancies Between Provided Drawing and On-Site Condition

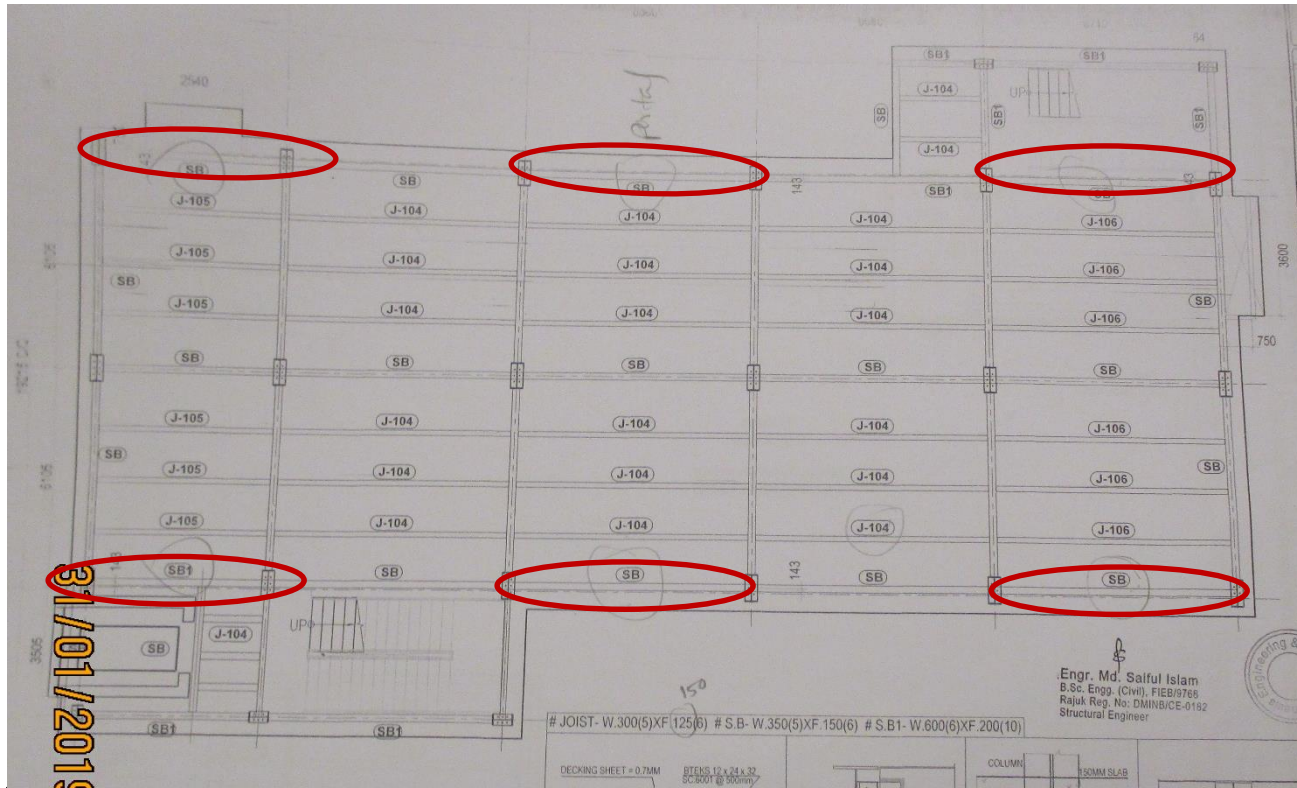
Observations of Facility Building



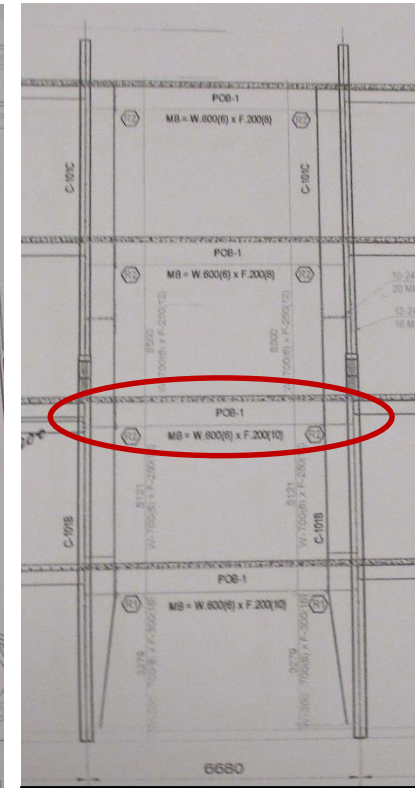
Typical sub-beam layout

As per the sub-beam layout, sub-beam are shown W300x5x125x6 whereas on site condition shows the flange of the sub-beam 150 mm instead of 125 mm. Factory is required update the as built drawing.

Observations of Facility Building



Typical portal layout



Portal drawing

As per the sub-beam layout, sub-beam are shown in the portal position where no sub-beam exist in on-site condition. Factory is required to provide portal frame layout and revise the sub-beam and joist layout.

Observations of Facility Building



Problems Observed

Factory Building :

Item 1: Discrepancies Between Provided Drawing and On-Site Condition.

Item 2: Design adequacy check required for the column splice connections.

Facility Building:

Item 3: Discrepancies Between Provided Drawing and On-Site Condition.



Item No.	Observation	Recommended Action Plan	Recommended Timeline
1	(Factory Building) Discrepancies Between Provided Drawing and On- Site Condition	Factory engineer is required to survey and produce accurate as-built drawings which reflect the actual condition.	6-weeks
2	(Factory Building) Discrepancies Between Provided Drawing and On- Site Condition	Factory engineer is required to check the stability of the building.	6-weeks
3	(Factory Building) Discrepancies Between Provided Drawing and On- Site Condition	Implement remediation work if required.	6-months
4	(Factory Building) Design adequacy check required for the column splice connections	Factory is required to update the splice connection drawing and provide detail adequacy check of the existing column splice connections.	6-weeks
5	(Factory Building) Design adequacy check required for the column splice connections	Implement remediation work if required.	6-months
6	(Facility Building) Discrepancies Between Provided Drawing and On- Site Condition	Factory engineer is required to survey and produce accurate as-built drawings which reflect the actual condition.	6-weeks