



# Dekko Garments Ltd

Nayanpur, Mawna, Sreepur, Gazipur.

(24.253681N, 90.394173E)

08<sup>th</sup> April 2019



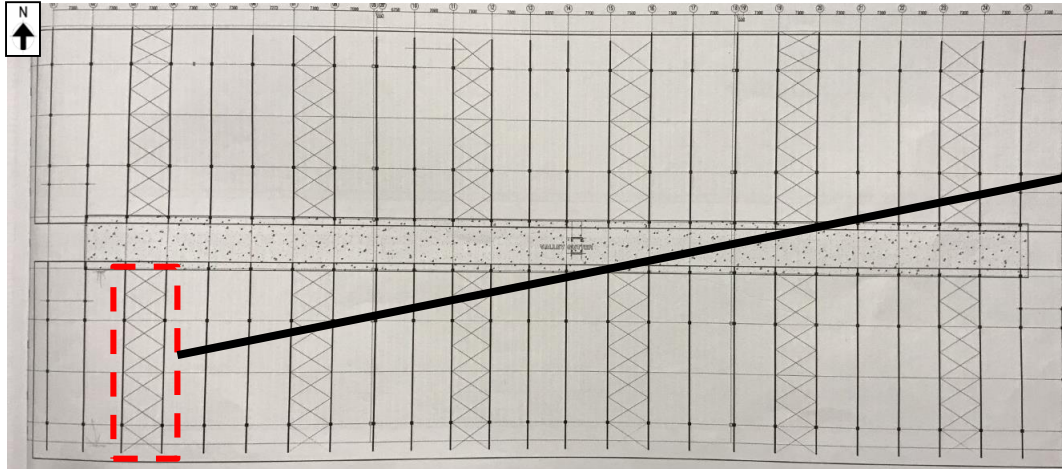


# Observation



# Missing bolts and horizontal cable bracings

**Structural System: Main Production building**



Horizontal bracing layout



On the marked location, horizontal bracing was not observed



Bolt missing at some splice locations of beam on top floor

At one location horizontal bracing was not found on site. At some splice locations of beam on top floor bolt was found missing. Factory is required to install the missing elements as shown in the as-built drawings.

## Structural System: Main Production building



**Significant gap in steel beam and RC  
column joint at several locations**

**Structural System: Main Production building**



Significant gaps were found at top floor steel beam to RC column joint. Factory engineer is required to carry out suitable remedial works.

## 6 Structural System: Main Production building

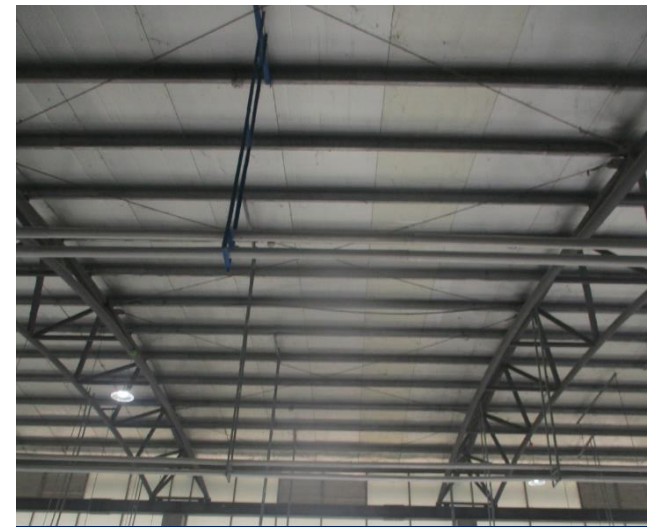


# Insufficient information in drawings

**Structural System: Main Production building**



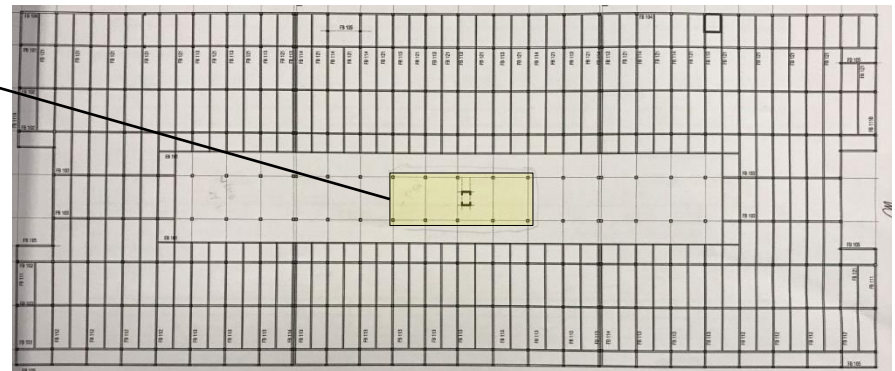
No RC column-steel beam connection detail and sectional detail of steel beam were provided in the as-built drawing.



The dimension was not given for horizontal cable bracing.



No connection detail was found in drawing for the steel roof structure around the lift.



Position marking of the steel roof structure.

## Structural System: Main Production building



# Problems Observed

## Main Production building:

**Item 1:** Missing bolt and horizontal cable bracing.

**Item 2:** Significant gap in steel beam and RC column's joint in several location.

**Item 3:** Insufficient information in drawing.



Item No.	Observation	Recommended Action Plan	Recommended Timeline
1	(Main Production building) Missing bolts and horizontal cable bracings	Factory is required to install the missing elements as shown in the as-built drawing.	6-weeks
2	(Main Production building) Significant gap in steel beam and RC column joint at several locations	Identify all the locations and carryout suitable remedial works where necessary.	6-weeks
3	(Main Production building) Insufficient information in drawings	Factory Engineer to survey the whole structure and update a full set of “as-constructed” drawings.	6-weeks