



Apex Fashion Wear Limited

Chandora, Post Shafipur, Thana, Kailakoir District, Gazipur.

(24.062047, 90.245940)

23rd October 2018 & 24th November 2018





Observations



Gap & Poor detail between steel baseplate and RC column

Observations



Apparently inadequate bearing area in joint



Flange discontinued joint connection



Two bolts connected in other side of the flange

Poor connection detail between steel baseplate and RCC column. Also gap between baseplate & column observed. Building engineer is required to check the connection adequacy for uplift pressure.

Observations

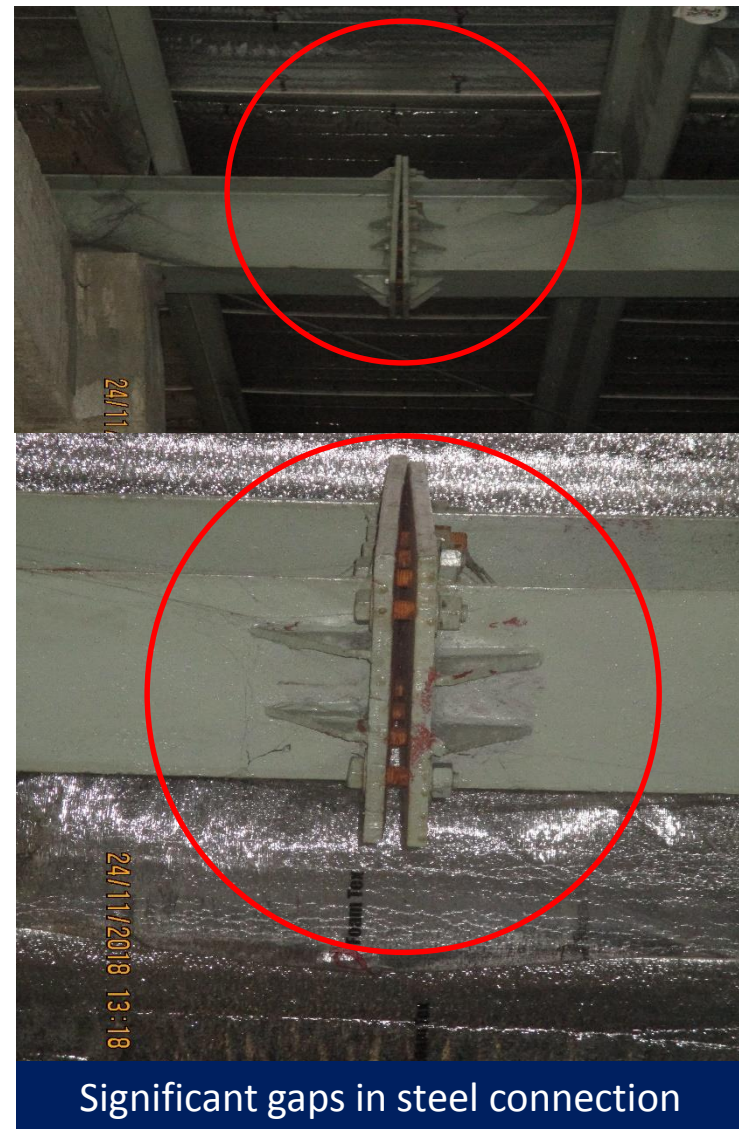


Existence of gaps & bolt missing in steel connection

Observations



Missing bolts in steel connection



Significant gaps in steel connection

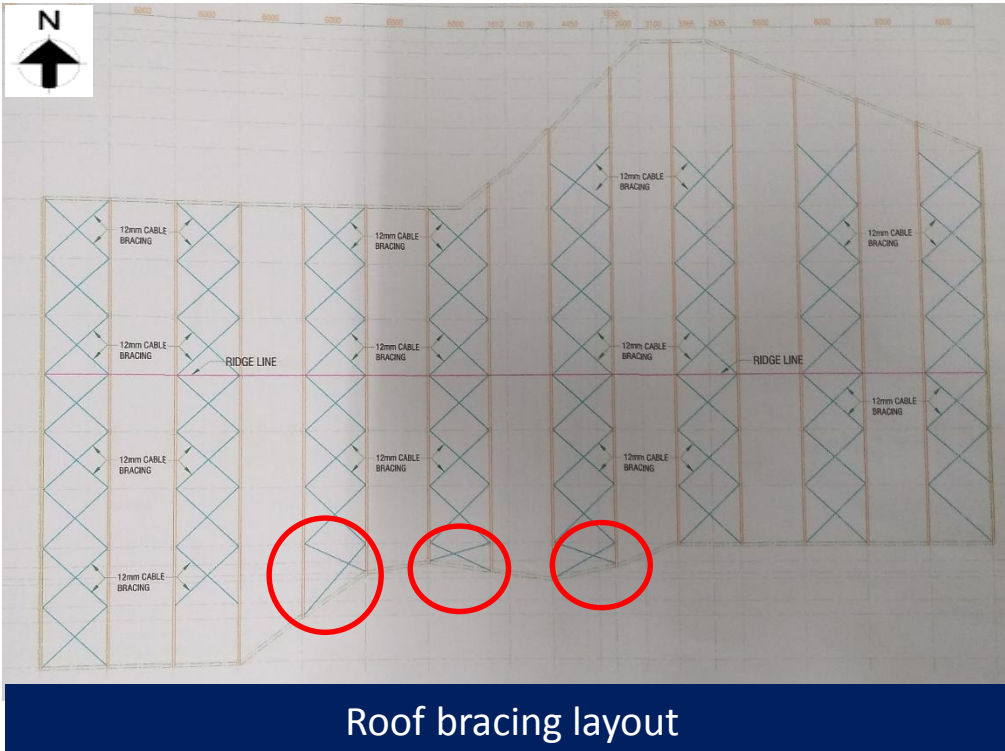
Significant gaps & missing bolts were observed in rafter connections. Building engineer is required to carry out suitable remedial works.

Observations



Loose & Missing cable bracing

Observations



Roof bracing layout

Loose & missing cable bracings were observed in Store Shed. Building engineer is required to install & upgrade the bracing.



Missing roof bracing



Loose cable bracing

Observations



No obvious lateral stability system

Observations



Gable frame

Roof Structure System



Connection between profiled roofing & support.

No obvious lateral loading system was observed.
Building engineer is required check the lateral loading system & the connection adequacy.

Observations



Parapet missing & Exposed rebar

Observations



Parapet missing in Garments Building



Parapet missing & Exposed rebar at Utility Building



Parapet missing at Generator & Chiller Building

Observations



Problems Observed

Building#15 (Store Shed):

- 1: Gap & poor detail between steel baseplate and RC column.
- 2: Existence of gaps & bolt missing in steel connection.
- 3: Loose & Missing cable bracing.

Building#6 (Processing Hall):

- 4: No obvious lateral stability system.

General Observation:

- 5: Parapet missing & Exposed rebar.



Item No.	Observation	Recommended Action Plan	Recommended Timeline
1	Gap & poor detail between steel baseplate and RCC column. (Building#15 -Store Shed)	Building engineer is required to check the connection adequacy for the uplift pressure.	6-weeks
2	Gap & poor detail between steel baseplate and RCC column. (Building#15 -Store Shed)	Carryout remedial works where necessary.	6-months
3	Existence of gaps & bolt missing in steel connection. (Building#15 -Store Shed)	Identify the defected areas and carry out suitable remedial works.	6-weeks
4	Loose & Missing cable bracing. (Building#15 -Store Shed)	Reinstalled the missing bracing as per specification.	6-weeks
5	Loose & Missing cable bracing. (Building#15 -Store Shed)	Tighten the existing bracing.	6-weeks
6	No obvious lateral stability system. (Building#6-Processing Hall)	Building engineer is required to check the lateral stability system, connection adequacy against lateral loading.	6-weeks
7	No obvious lateral stability system. (Building#6-Processing Hall)	Carry out remedial works where required.	6-months
8	Parapet missing & Exposed rebar.	Install parapet to prevent falling hazard.	6-weeks
9	Parapet missing & Exposed rebar.	Rust proof coating is required applied on exposed rebar.	6-weeks