Disney Sweater Ltd. (Extension)

Barpa, Rupshi, Rupganj, Narayanganj, Bangladesh.
(23.747123, 90.535561)
29th July 2019

ACCORD
on Fire and Building Safety in Bangladesh

Observations

Missing compression strut at end bay

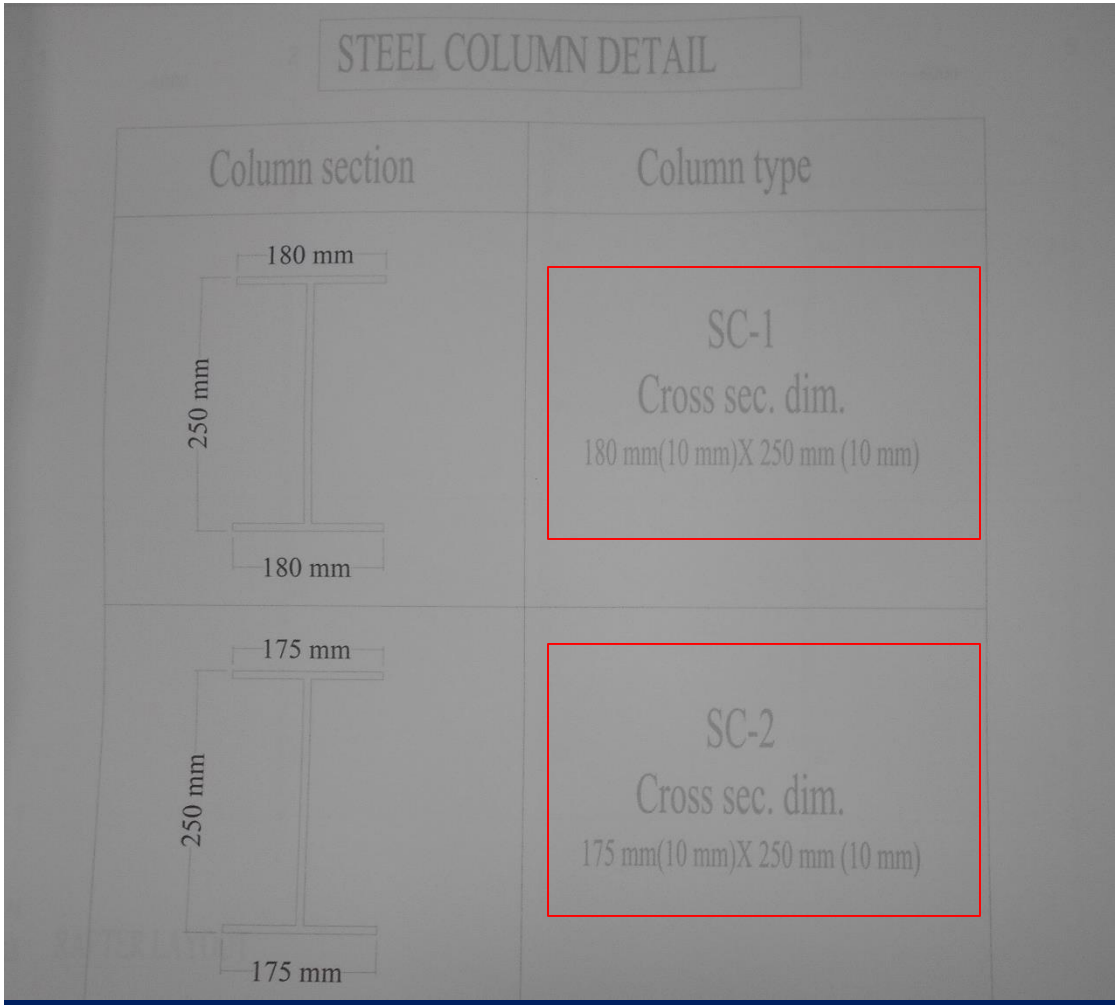
Observation : Shed-11 (Finished Goods-2)

Compression strut member/lateral load transfer member not provided at end bay. Building engineer is required to review the design and load transfer system of the shed.

Observation : Shed-11 (Finished Goods-2)

Discrepancies in as-built drawings

Observations: Shed-11 (Finished Goods-2)



Column schedule

Discrepancies observed in column sizes. Building engineer is required to produce accurate as-built drawing.

SC-1 measured (mm)

F 180X10 W 250X6

Instead of

F 180X10 W 250X10

SC-2 measured (mm)

F 175X10 W 250X6

Instead of

F 175X10 W 250X10

Observations: Shed-11 (Finished Goods-2)

Apparently poor connection & inadequate member

Observations: Shed-10 (Dining & Prayer)

Framing system

Connection between frame and column

Connection between M/S column and pedestal column

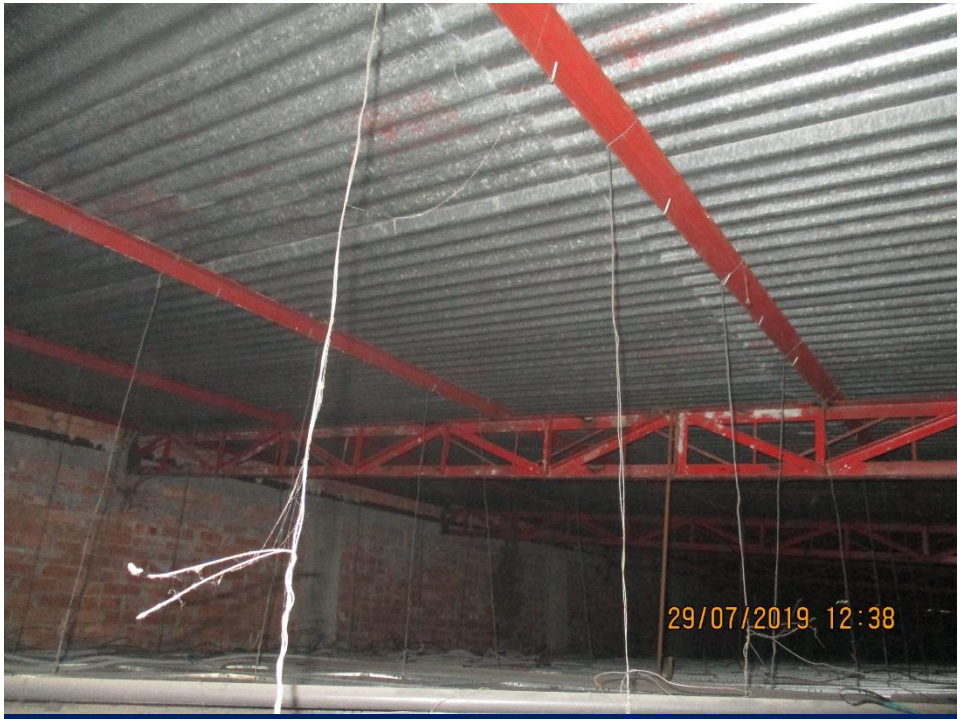
Structural System:
Steel angel frame supported by M/S pipe column.

Structural System: Shed-10 (Dining & Prayer)

As-built documents

Observations: Shed-9 (Finishing)

No as-built drawings available on site.



Connection & load path not obvious

Inadequate member

Non-engineered connection

Apparently poor connection and inadequate member observed. Building engineer is required to check the stability of the shed.

Observations: Shed-10 (Dining)

Steel plate sampling from column

Observations: Shed-2,6,7 &11

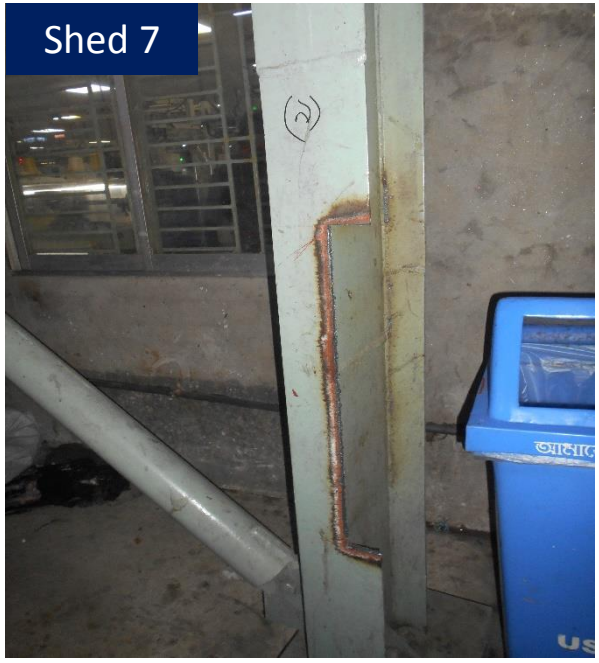
Shed 11

Shed 6

Shed 2

Sample taken from column for tensile test of M/S plate but not refit with identical member.

Shed 7



Observations: Shed-2,6,7 &11

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Problems Observed

Shed-11 (Finished Goods-2):

01: Missing compression strut at end bay.

02: Discrepancies in as-built drawings.

Shed-10 (Dining & Prayer):

03: Apparently poor connection & inadequate member.

Shed-9 (Finishing):

04: As-built documents.

Shed-2,6,7 &11:

05: Steel plate sampling from column.

Item No.	Observation	Recommended Action Plan	Recommended Timeline
1	Missing compression strut at end bay. (Shed-11-Finished Goods-2)	Building engineer is required check the requirement of stability system and lateral load transfer medium.	**6-weeks**
2	Missing compression strut at end bay. (Shed-11-Finished Goods-2)	Carry out remedial works where necessary.	**6-months**
3	Discrepancies in as-built drawings. (Shed-11-Finished Goods-2)	Building engineer is required to produce accurate as-built drawings which reflects the site condition.	**6-weeks**
4	Discrepancies in as-built drawings. (Shed-11-Finished Goods-2)	Building engineer is required to review the design based on accurate as-built drawings.	**6-weeks**
5	Apparently poor connection & inadequate member. (Shed-10-Dining & Prayer)	Building engineer is required to check the stability of the shed or replace the shed by an engineered shed.	**6-weeks**
6	Apparently poor connection & inadequate member. (Shed-10-Dining & Prayer)	Carry out remedial works as per recommendation of engineering assessment report.	**6-months**

Item No.	Observation	Recommended Action Plan	Recommended Timeline
7	As-built documents.(Shed-9 - Finishing)	Building engineer is required to prepare as-builts drawings which reflects the site condition.	**6-weeks**
8	As-built documents.(Shed-9 - Finishing)	Building engineer is required to check the stability of the shed or replace the shed by an engineered shed.	**6-weeks**
9	As-built documents.(Shed-9 - Finishing)	Carry out remedial works as per recommendation of engineering assessment report.	**6-months**
10	Steel plate sampling from column.(Shed-2,6,7 &11)	Building engineer is required to refit the columns by identical members.	**6-weeks**