

Chorka Textile Ltd (Extension -2)

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(23.897205, 90.574922)

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Observations

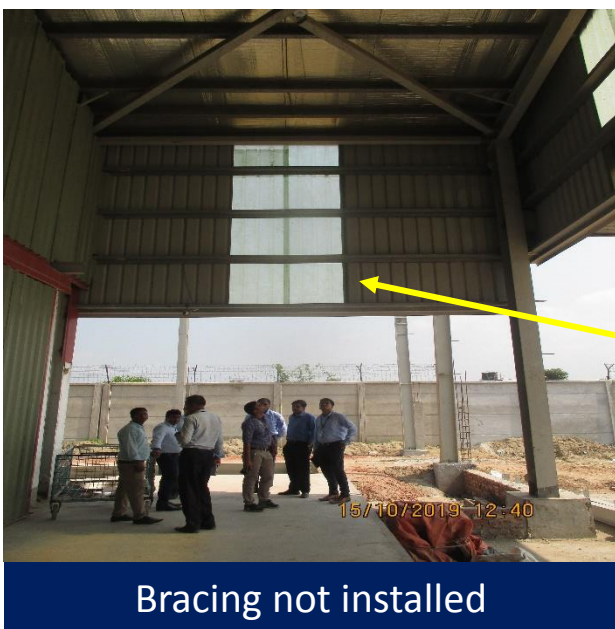


Bracing missing at Southeast Corner

Observation

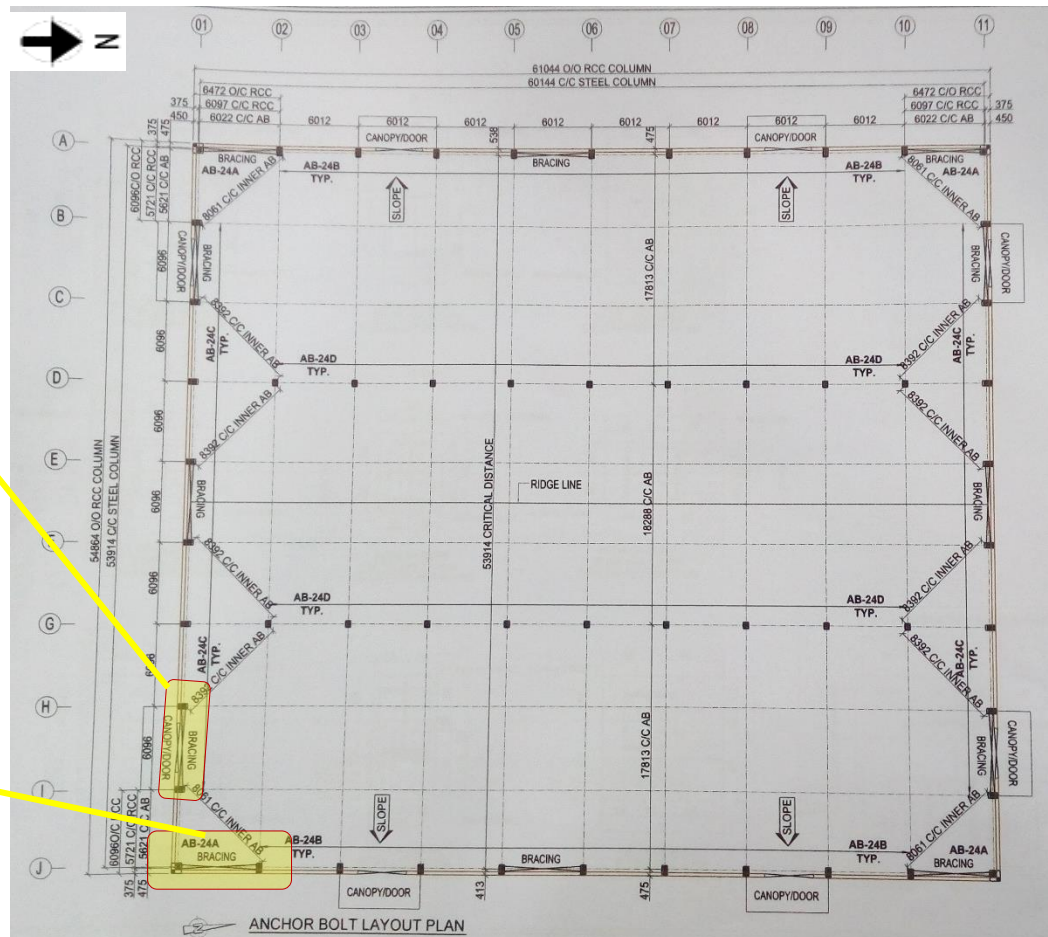


Bracing not installed



Bracing not installed

Vertical bracings are not installed as per drawings on grid 1-2 and H-I. Factory engineer is required to install missing bracings otherwise provide alternative load transferring media from design review.



Vertical Bracing Layout plan



Significant gaps in connection



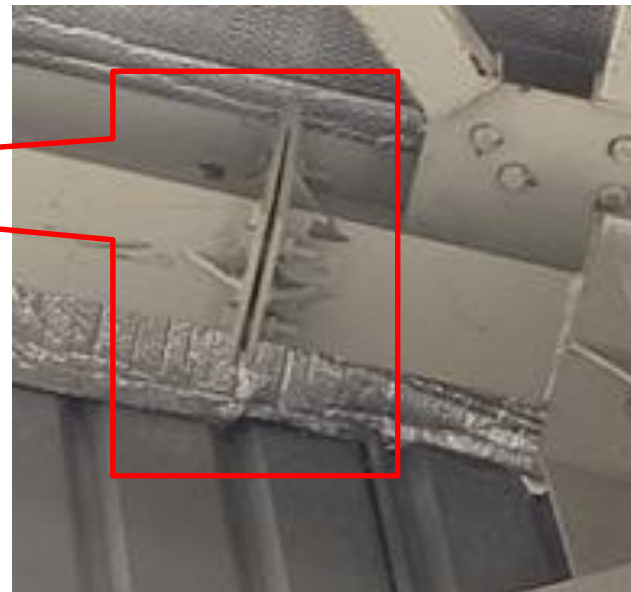
Gap in column-rafter joint



Significant gaps were found in column-rafter-rafter joint. Factory engineer is required to carry out suitable remedial works.



Gap in rafter-rafter joint





Bolt missing in several connection

Observation



Bolt missing at bracing connection



Bolt missing at column-rafter joint



Bolt missing at strut connection

Bolts were found missing in several connections. Factory Engineer is required to identify the locations of missing bolts and install bolts as per specifications.



Corrosion observed at steel sections



Corrosion was observed at joint of pedestal column and steel column.

Corrosion was observed on steel columns on different locations of ground floor areas. Factory is required to identify the corroded locations and take proper remedial measures.



Possible Horizontal Extension



Some additional steel columns were found at east side of the structure. Factory management has a future plan to extend the shed horizontally. Factory engineer is required to carry out a Detail Engineering Assessment considering BNBC provision prior to any further extension work on existing structure.



Possible horizontal extension



Additional Steel column



Problems Observed

Warehouse Shed:

- 1: Bracing missing at Southeast Corner.
- 2: Significant gaps in connection.
- 3: Bolt missing in several connection.
- 4: Corrosion observed at steel sections.
- 5: Possible Horizontal Extension.



Item No.	Observation	Recommended Action Plan	Recommended Timeline
1	Bracing missing at Southeast Corner	Factory engineer is required to install the missing bracings otherwise provide alternative load transferring media from design review.	6-weeks
2	Bracing missing at Southeast Corner	Carry out additional remedial works (if necessary) from design review.	6-months
3	Significant gaps in connection	Factory engineer is required to carryout suitable repair works.	6-weeks
4	Bolt missing and light connection	Factory Engineer is required to identify the locations of missing bolts and install bolts as per specifications.	6-weeks
5	Corrosion observed at steel sections	Factory Engineer to suggest and implement proper remedial measures to protect steel sections from corrosion.	6-weeks
6	Possible Horizontal Extension	In case of extension, Detail Engineering Assessment required to be carried out following BNBC requirement.	6-weeks
7	Possible Horizontal Extension	Remedial works required to be carried out where necessary.	6-months