

CORTZ APPARELS LTD (UNIT 2)

Extended Shed

Hakim master complex, Newjor, Kadda, Gazipur
(23.988479N, 90.363028E)
19 September 2021

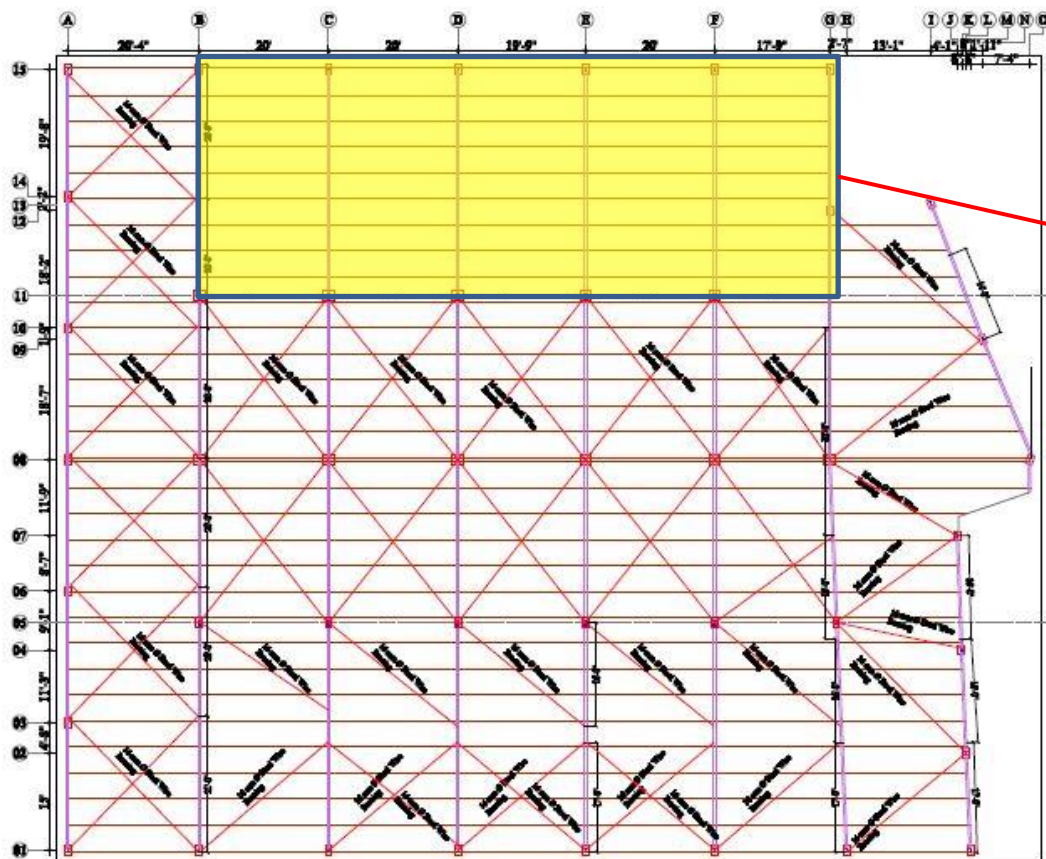


Building Information

Shed Building-1: (Single-story shed)

Observations

Discontinuity in load path



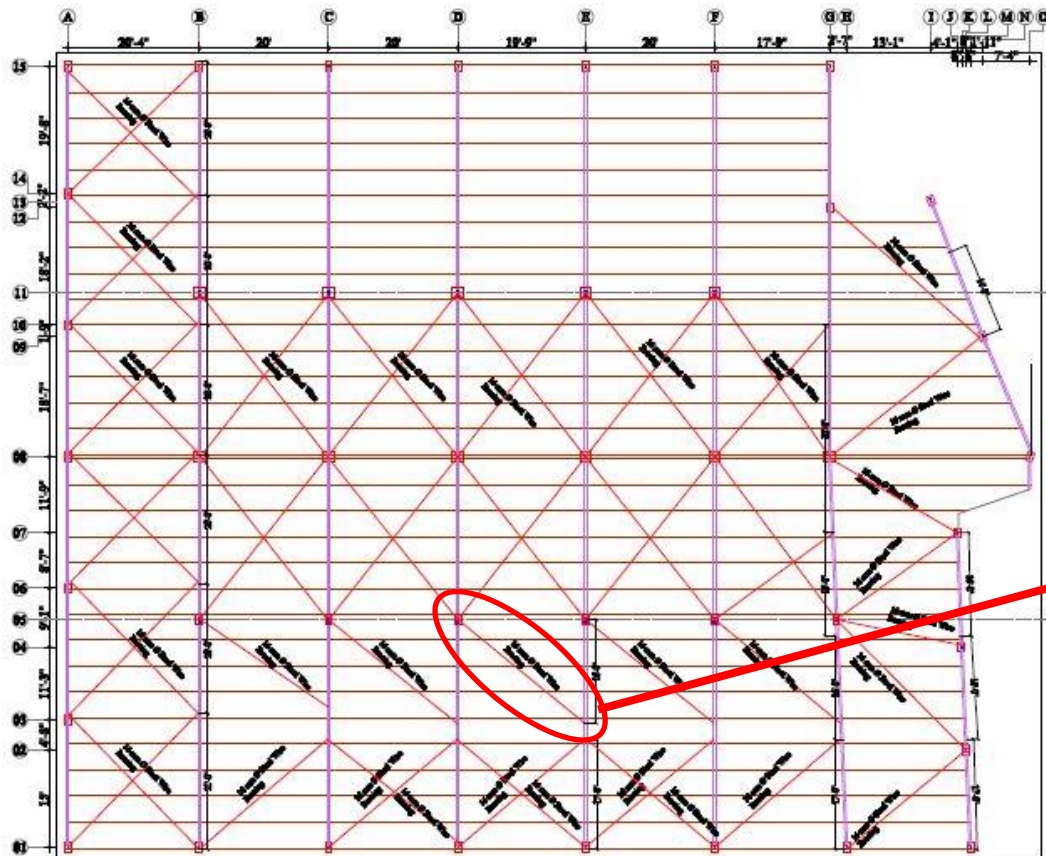
Horizontal bracing layout



No bracing system

No bracing system provided at the highlighted area. Therefore, load path for lateral loading is not clear for this portion. Factory engineer is required to check the lateral stability system for the shed.

Missing horizontal & vertical bracing



Horizontal bracing layout of retrofitting drawing

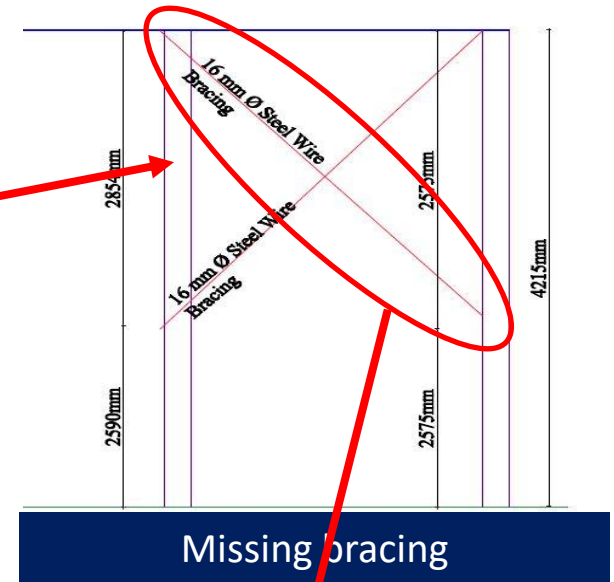


Missing horizontal bracing at roof



Vertical bracing layout

Horizontal and vertical bracings at roof and wall were missing in the highlighted locations. Factory engineer is required to check the bracing requirements and install the bracings accordingly.



Missing bracing



Missing vertical bracing at wall

Apparently unstable canopy



Canopy at front side

The canopy at the front side of the shed has no stability system and appeared to be unstable. Factory engineer is required to check the lateral stability of the canopy.

Problems Observed

Shed Building-1

Item 01: Discontinuity in load path

Item 02: Missing horizontal & vertical bracing

Item 03: Apparently unstable canopy

Priority Actions

Item No.	Observation	Recommended Action Plan	Recommended Timeline
01	Discontinuity in load path	Factory engineer is required to check the lateral stability of the structure.	6-weeks
02	Discontinuity in load path	Implement remedial actions from stability check.	6-months
03	Missing horizontal & vertical bracing	Factory engineer is required to check the bracing requirements and install the bracings accordingly.	6-weeks
04	Apparently unstable canopy	Factory engineer is required to check the lateral stability of the structure.	6-weeks