

Fin-Bangla Apparels Ltd. (Extension)

72, Degerchala Road, Chaydana, National University, Gazipur.,Bangladesh.

(23.964378, 90.384452)

10 March 2025



1. Building Information

1. Central Store Shed
2. Store Office Building

2. Observation

Observation-1: Mismatches in as-built drawings (Central Store Shed).



Description: All rafter connections were not shown in sectional drawings. Also, the location of vertical bracing at North was found in between grid 4 & 5 instead of grid 5 & 6. Mismatches are shown in red on drawings. Building engineer is required to survey the whole structure and prepare accurate as-built drawings for the structure.

Observation 2: Design report needs to be reviewed against lateral forces (Central Store Shed).



Description: A design report has been prepared for the single storied shed. The prepared design report needs to be reviewed against lateral forces. Submit the design report to the RSC for detailed review.

Observation-3: Connection gap and bolt missing (Central Store Shed).



Description: Connection gap between two rafter joints were found at the gable frame. Also, bolts missing were observed in strut connection.

Observation-4: Lack of architectural drawings (Store Office Shed).



Description: As-built structural drawings were not available for these sheds. Building engineer is required to survey the whole structure and prepares full set of as-built architectural drawings.

Observation-5: Improper roof drainage system (Store Office Building).



Description: Sign of water clogging was observed in the existing roof which indicates improper drainage system. Building engineer is required to improve the roof drainage providing adequate slope and discharge point.

3. Action Plan:

Item No	Observation	Action Plan	Timeline
1.	Mismatches in as-built drawings (Central Store Shed).	Building engineer is required to survey the whole structure and prepare accurate as-built drawings for the structure.	within 6 weeks
2.	Design report needs to be reviewed against lateral forces (Central Store Shed).	The building engineer is required to revise the design report and submit it to RSC for review against lateral forces.	within 6 weeks
3.	Design report needs to be reviewed against lateral forces (Central Store Shed).	Carry out remedial work if required.	within 6 months
4.	Connection gap and bolt missing (Central Store Shed).	The building engineer is required to carry out suitable remedial works.	within 6 weeks
5.	Connection gap and bolt missing (Central Store Shed).	Install missing bolts where necessary.	within 6 weeks
6.	Lack of architectural drawings (Store Office Shed).	Building engineer is required to survey the whole structure and prepares full set of as-built architectural drawings.	within 6 weeks
7.	Improper roof drainage system (Store Office Building).	Building engineer is required to improve the roof drainage providing adequate slope and discharge point.	within 6 months