

VERSATILE TEXTILES LTD. (EXTENSION)

89/2, Chaydana, Degerchala Road, National University, Gazipur-1704.

(23.964774,90.384860)

9 April 2025



1. Building Information

- 1.** Warehouse Shed: Single-storied prefabricated steel shed.
- 2.** Security Checking Room (Female): Single-storied structure (RC slab supported by both brick wall and RC column).
- 3.** Security Room: Single-storied RC Structure.
- 4.** Toilet Zone: Single-storied brick masonry with RC slab.
- 5.** Walkway Shed: Single-storied shed.

2. Observation:

Observation-01: Irregular pattern of lateral stability system (Warehouse Shed).



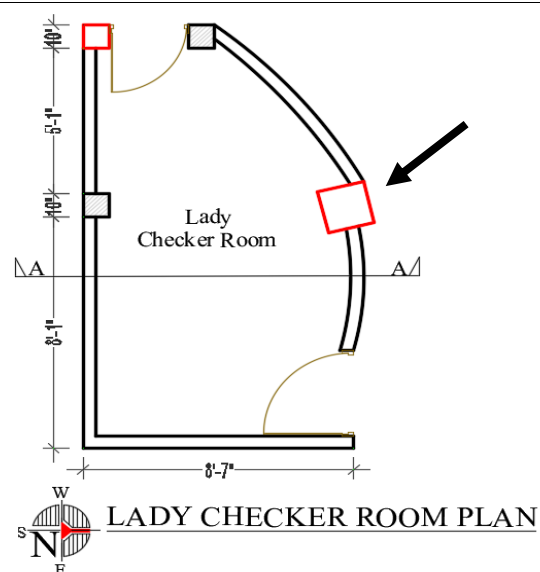
Description: Irregular pattern of lateral stability was observed in the shed. Roof bracing is placed inclinedly and directly on the strut. Hence, the lateral load transfer system is questionable. The building engineer is required to review the lateral load transfer system, design of bracing system, and suggest remedial works as required.

Observation-02: Buckling of the steel column (Walkway shed).



Description: The steel columns of the shed were slender and found buckled. The building engineer is required to check the buckling of the column and prepare a safety check report. Submit the safety check report to the RSC for review. As per the safety check report, repair the buckled members.

Observation-03: Missing information in the as-built drawing (Security checking room (Female)).



Description: The marked column was found as RC column, but no information is provided in the drawing. The building engineer is required to produce accurate as-built drawings.

Observation-04: Dampness was found on slab soffits (Toilet Zone).



Description: Dampness was found on slab soffits. The building engineer is required to repair the dampness with a suitable method.

3. Action Plan

Item No	Observation	Action Plan	Timeline
1.	Irregular pattern of lateral stability system (Warehouse Shed).	The building engineer is required to review the lateral load transfer system, design of bracing system, and suggest remedial works as required.	within 6 weeks
2.		Implement remediation work after acceptance from RSC.	within 6 months
3.	Buckling of the steel column (Walkway shed).	The building engineer is required to check the buckling of the column and prepare a safety check report. Submit the safety check report to the RSC for review.	within 6 weeks
4.		Implement remediation work as per the safety check report after getting acceptance from RSC.	within 6 months
5.	Missing information in the as-built drawing (Security checking room (Female)).	The building engineer is required to produce accurate as-built drawings.	within 6 weeks
6.	Dampness was found on slab soffits (Toilet Zone).	The building engineer is required to repair the dampness with a suitable method.	within 6 weeks