

Aman Fashions & Designs Ltd. (Extension)

Nalam, Mirzanagar, Asulia, Savar, Dhaka.

(23.936273, 90.234742)

2 November 2023



1. Building Information

Socks & Tights Shed	: Single storied steel shed.
Store Building	: Single storied concrete building.
Sub-Station Shed	: Single storied steel shed.
Wastage Shed	: Single storied steel shed.

2. Observations

Socks & Tights Shed:

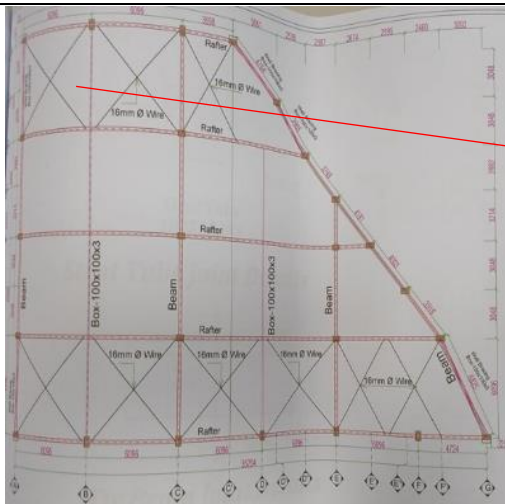
Observation-1: Lack of design report.



Description: As per BNBC, every building or structure designed shall have its design documents prepared in accordance with the provision of Section 1.9.1. The design documents shall include as built drawings and a design report which shall be prepared in compliance with section 1.9.1, part-6 of BNBC.

During inspection, the design report was not available on site. The building engineer is required to prepare a design report based on in-situ material strength & software-based analysis and submit it to RSC for review.

Observation-2: Discrepancies in as built drawings.



Description: During inspection, mismatches were found between onsite condition and as-built drawing. Horizontal bracing missing is as built condition. The building engineer is required to survey the full structure and produce accurate as-built drawings.

Store Building:	
Observation-3: Lack of design report.	
	
Description: As per BNBC, every building or structure designed shall have its design documents prepared in accordance with the provision of Section 1.9.1. During inspection, the design report and as built structural drawing was not available on site. The building engineer is required to prepare a set of design documents including as built drawings, live load plan at roof and a design report based on in-situ material strength and software-based analysis which shall be prepared in compliance with section 1.9.1, part-6 of BNBC.	
Observation-4: Dampness of brick wall.	
	
Description: Dampness found on brick wall of store building. The factory is required to identify the source of dampness, take remedial measure to repair the wall accordingly.	

Substation Shed:

Observation-5: Lack of as built drawing.



Description: As built drawing of substation shed not available on site at the time of inspection. The building engineer required to prepare as built drawing of the substation shed.

Observation-6: Crack on brick wall.



Description: Crack found on brick wall of substation shed. Factory is required to identify the reason of crack, take necessary remedial measure to repair the wall accordingly.

Wastage Shed:
Observation-7: Non-engineered structure.

Description: Lack of lateral stability system (strut and bracing), apparent inadequate members and non-engineered connection was observed. The building engineer is required to check the member, connection & stability system of the structure and suggest proper alternatives accordingly.

3. Action Plan

Serial No.	Observation	Action Plan	Timeline
1	Lack of design report. (Socks & Tights Shed)	The building engineer is required to prepare a design report based on in-situ material strength & software-based analysis and submit the documents to RSC for review.	within 6 weeks
2	Lack of design report. (Socks & Tights Shed)	Carry out suggested remedial works if required.	within 6 months
3	Discrepancies in as built drawings. (Socks & Tights Shed)	The building engineer is required to survey the full structure and produce accurate as-built drawings.	within 6 weeks
4	Lack of Design Report. (Store Building)	The building engineer is required to prepare a set of design documents including as built drawings and a design report.	within 6 weeks
5	Lack of Design Report. (Store Building)	Carry out remedial works if required.	within 6 months
6	Dampness of brick wall. (Store Building)	Factory is required to identify the source of dampness, take remedial measure to repair the damped area accordingly.	within 6 months
7	Lack of as-built drawing. (Substation Shed)	The building engineer required to prepare accurate as built drawing of the substation shed.	within 6 weeks
8	Crack of brick wall. (Substation Shed)	Factory is required to identify the reason of crack, take necessary remedial measure to repair the wall accordingly.	within 6 weeks
9	Non-engineered structure. (Wastage Shed)	The building engineer is required to check the member, connection & stability system of the structure and suggest proper alternatives accordingly.	within 6 weeks
10	Non-engineered structure. (Wastage Shed)	Carry out suggested remedial works.	within 6 months