

Genesis Fashions Ltd. (Extension-2)

Madhokala, Sreepur, Gazipur 1740

(23.985001, 90.356791)

21 April 2025

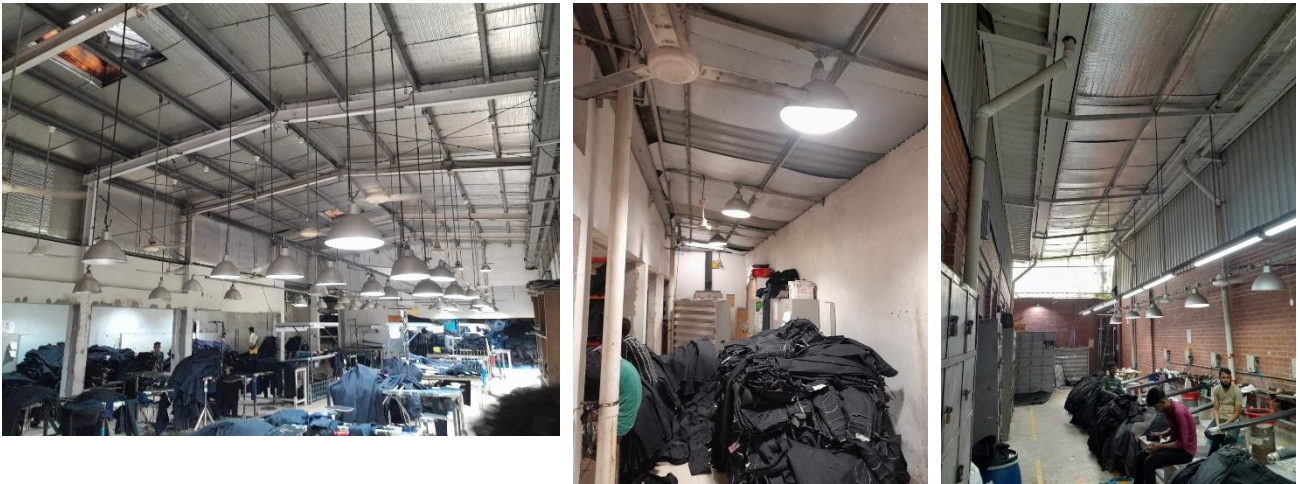


1. Building Information:

1. Whisker Shed (G)
2. Annex Building, 3 (G+2)
3. Store Building-1, (G+4)
4. Store Building-2 (G)
5. Childcare-Medical-Dining Building (G+2)

2. Observation:

Observation-01: Lack of Stability System. (Whisker Shed)



Description: Lack of lateral stability system observed in the shed (Missing Compression Strut, inadequate bracing), also a non-engineered extension observed.

Building engineer is required to check the lateral stability of the shed as per the Detailed Engineering Assessment (DEA)

Observation-02: Lack of As-built drawing. (Whisker Shed)



Description: No as-built drawings were available onsite. Building engineer is required to prepare detailed and accurate as-built drawings.

Observation-03: Lack of information in the as-built drawing. (Annex Building)



Description: Lack of information on the as-built drawings (Mismatch in roof column layout plan, floor built not shown). Building engineer is required to prepare accurate and detailed as-built drawings, including a column layout plan, toilet build-up on the floor.

Observation-04: Deflection of Roof slab (Long Span column cut for Architectural purposes). (Annex Building)



Description: Column cut for Architectural purposes, long span found on the roof. Building engineer is required to check the deflection of the long-span beam and slab.

Observation-05: Lack of Design Report and Material Test Report. (Annex Building)



Description: Lack of design report and material test report observed. The building engineer is required to prepare the design report as per BNBC 1.9.1 and check the availability of the material test report to confirm the design report. For the concrete, follow BNBC 5.12.1.

Observation-06: Load Plan Post and Implementation. (Annex Building)



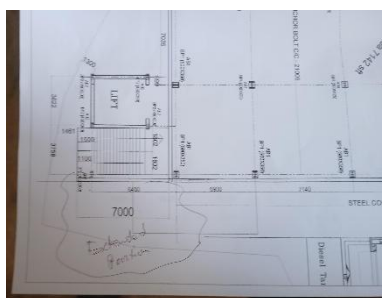
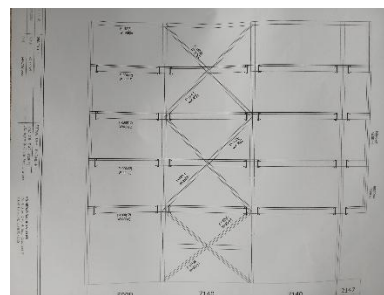
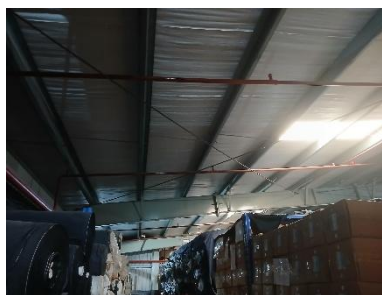
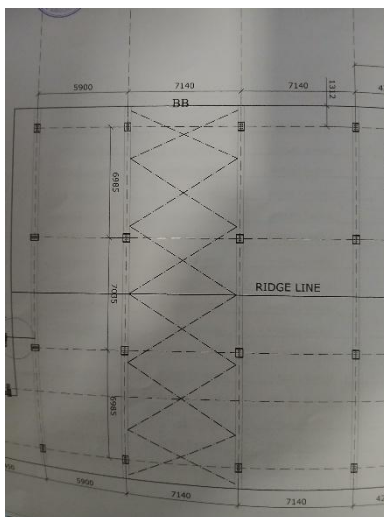
Description: Load plan not posted, load restriction height marking not found on the storage area. Building engineer is required to implement floor load management program, including posting load plan, height marking on the storage area.

Observation-07: Trolley Impact on the column on the ground floor. (Annex Building)



Description: Trolley impact observed on the ground floor column. Building engineer is required to repair the damage and protect the columns from trolley impact.

Observation-08: Lack of information in the as-built drawing. (Store Building 1)



Description: Roof bracing number and wall bracing pattern not matched with the drawing; extended portion is not shown in the drawing. Building engineers are required to prepare accurate and detailed as-built drawings including extended portions, section elevations, and bracing details.

Observation-09: Lack of Design Report and Material Test Report. & Soil Test report. (Store Building 1)



Description: Design report not available, detailed design report and the structural system consideration are required to be addressed.

- The building engineer is required to prepare the design report as per BNBC 1.9.1 and check the availability of the material test report to confirm the design report. For the concrete, follow BNBC 5.12.1.
- Geotechnical investigation report is required to be prepared, and the foundation seems overstressed marginally, considering the minimum bearing capacity.

Observation-10: Load Plan Post and Implementation. (Store Building 1)



Description: Load plan not posted, load restriction height marking not found on the storage area. Building engineer is required to implement floor load management program, including posting load plan, height markings on the storage area.

Observation-11: Anchorage of non-structural elements. (Store Building 1)



Description: Lack of anchorage was found on the storage racks. Provide anchorage on the non-structural elements.

Observation-12: Lack of information in the as-built drawing. (Store Building 2)



Description: Building engineer is required to prepare accurate and detailed as-built drawings, including column layout plan and section, bracing information, and Jack beam details.

Observation-13: Lack of Design Report and Material Test Report. (Store Building 2)



Description: Design report not available, detailed design report and the structural system consideration are required to be addressed.

- The building engineer is required to prepare the design report as per BNBC 1.9.1 and check the availability of the material test report to confirm the design report. For the concrete, follow BNBC 5.12.1.

Observation-14: Loose Cable Bracing. (Store Building 2)



Description: Loose bracing was observed. Building engineer is required to tighten the loose braces.

Observation-15: Lack of design report. (Childcare Medical, Dining Building)



Description: Design report was not available for the Childcare Medical, Dining Building. The building engineer is required to prepare the design report as per BNBC 1.9.1 and check the availability of the material test report to confirm the design report. For the concrete, follow BNBC 5.12.1.

3. Action Plan

Item No	Observation	Action Plan	Timeline
1.	Lack of Stability System. (Whisker Shed)	Building engineer is required to check the lateral stability of the shed as per of the Detailed Engineering Assessment (DEA)	within 6 weeks
2.		Carry out the suggested remedial works if required.	within 6 months
3.	Lack of As-built drawing. (Whisker Shed)	Building engineer is required to survey the structure and prepare a detailed, accurate as-built drawing.	within 6 weeks
4.	Lack of information in the as-built drawing. (Annex Building)	Building engineer is required to prepare accurate and detailed as-built drawings, including a column layout plan, toilet build-up on the floor.	within 6 weeks
5.	Deflection of Roof slab (Long Span column cut for Architectural purposes). (Annex Building)	Building engineer is required to check the deflection of the long-span beam and slab.	within 6 weeks
6.		Carry out the suggested remedial works if required.	within 6 months
7.	Lack of Design Report and Material Test Report. (Annex Building)	The building engineer is required to prepare the design report as per BNBC 1.9.1 and check the availability of the material test report to confirm the design report. For the concrete, follow BNBC 5.12.1.	within 6 weeks
8.		Carry out the suggested remedial works if required.	within 6 months
9.	Load Plan Post and Implementation. (Annex Building)	Building engineer is required to implement floor load management program, including posting load plan, height markings on the storage area.	within 6 weeks
10.	Trolley Impact on the column at the ground floor. (Annex Building)	Building engineer is required to repair the damage and protect the columns from trolley impact.	within 6 weeks

11.	Lack of information in the as-built drawing. (Store Building 1)	Building engineer is required to prepare accurate and detailed as-built drawings, including extended portions, section elevations, and bracing details.	within 6 weeks
12.	Lack of Design Report and Material Test Report. & Soil Test report. (Store Building 1)	The building engineer is required to prepare the design report as per BNBC 1.9.1 and check the availability of the material test report to confirm the design report. For the concrete, follow BNBC 5.12.1.	within 6 weeks
13.		Building engineer is required to review the design load and foundation stresses.	within 6 weeks
14.		Carry out the suggested remedial works if required.	within 6 months
15.	Load Plan Post and Implementation. (Store Building 1)	Building engineer is required to implement floor load management program, including posting load plan, height markings on the storage area.	within 6 weeks
16.	Anchorage of non-structural elements. (Store Building 1)	Provide anchorage on the non-structural elements.	within 6 weeks
17.	Lack of information in the as-built drawing. (Store Building 2)	Building engineer is required to prepare accurate and detailed as-built drawings, including column layout plan and section, bracing information, and Jack beam details.	within 6 weeks
18.	Lack of Design Report and Material Test Report. (Store Building 2)	The building engineer is required to prepare the design report as per BNBC 1.9.1 and check the availability of the material test report to confirm the design report. For the concrete, follow BNBC 5.12.1.	within 6 weeks
19.		Carry out the suggested remedial works if required.	within 6 months
20.	Loose Cable Bracing. (Store Building 2)	Building engineer is required to tighten the loose bracings.	within 6 weeks

21.	Lack of design report. (Childcare Medical, Dining Building)	The building engineer is required to prepare the design report as per BNBC 1.9.1 and check the availability of the material test report to confirm the design report. For the concrete, follow BNBC 5.12.1.	within 6 weeks
22.		Carry out the suggested remedial works if required.	within 6 months