

Winter Dress Limited (Extension)

Gohailbari, Shimulia, Ashulia, Saver, Dhaka-1345.

(23.872175, 90.293081)

5 December 2023



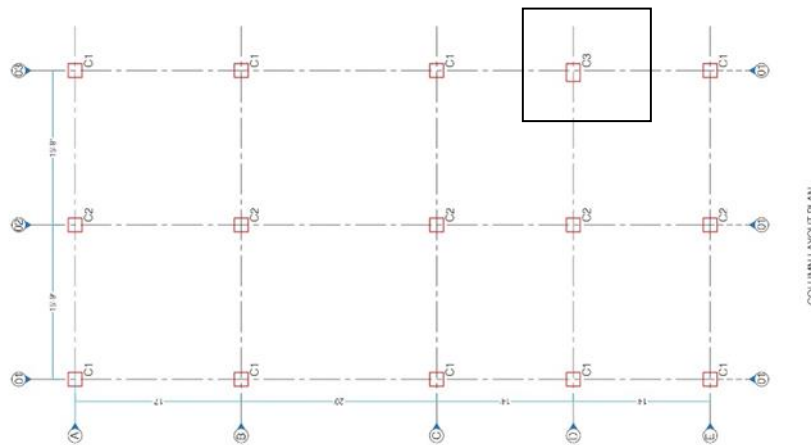
Building Information

1. Fire Control Building, (G+2), RCC building.
2. ETP Building. (G+4), RCC building.
- 3,4. Jhut Shed 1 & 2. (G) Steel Roof Shed.
5. Utility Building. (G), RCC building.

1. Observations

Observation-1: Absence of design report (Utility Building).	
	
Utility Building	Long columns
Description: The design report of the Utility building was not prepared for the Utility Building. Long column adequacy is required to check in the design review. The building engineer is required to prepare a design report following BNBC (part-6, section 1.9.1)	

Observation 2: Reinforcement and size confirmation of C3 column (Utility Building).



Description: The size and reinforcement of the C3 column were not verified due to the site constraint. The building engineer is required to confirm the size and reinforcement of the C3 column.

Observation-3: Absence of design report. (Fire Control Building).



Description: The design report for the Fire Control Building was not prepared. The building engineer is required to prepare a design report following BNBC (part-6, section 1.9.1)

Observation-4: Mismatch in as-built drawing. (Fire Control Building)



Number of rebar found 4 instead of 6

Beam size was found 300 mm X 300 mm instead of 300X375 mm.



Slab thickness was found 125 mm instead of 175 mm

Description: During the inspection, some mismatches were found in the as-built drawing. Column rebar, Beam Size and slab thickness were not matched between the site condition and the as-built drawing.

Observation-5: Non-engineered steel stair. (Fire Control Building)



Apparently non-engineered steel stair.

Description: Apparently non-engineered steel stair (Inadequate member, poor connection details) was observed in the fire control building.

Observation-6: Absence of design report. (ETP Building).



Description: The design report for the ETP Building was not prepared. The building engineer is required to prepare a design report following BNBC (part-6, section 1.9.1)

Observation-7: Mismatch in as-built drawing. (ETP Building)



Description: Beam size was measured 300mm X 300mm instead of 300 mm X 500 mm, Architectural layout not matched with the site condition, Core layout plan not prepared.

Observation-8: Non engineered stair. (ETP Building)



Description: Apparently non-engineered steel stair (Inadequate member, poor connection details) was observed in the ETP building.

Observation-9: Dampness on the building. (ETP Building)



Description: Dampness was observed on the ETP building.

Observation-10: Stagnant water on the roof. (ETP Building)



Description: Stagnant water was observed on the roof.

Observation-11: Non-engineered shed (Jhut Shed-1 & Jhut Shed-2)



Description: Inadequate member size and poor connection details were observed on the Jhut Sheds 1 & 2.

2. Action Plan

Observation	Action Plan	Timeline
Absence of design report. (Utility Building).	The building engineer is required to prepare a design report considering BNBC (part-6, Section-1.9.1)	within 6 weeks
	The building engineer is required to review the design of the long columns.	within 6 weeks
	Carry out suggested remedial works if required.	within 6 months
Reinforcement and size confirmation of C3 column (Utility Building).	The building engineer is required to prepare accurate the as-built and confirm the size and rebar of the C3 column.	within 6 weeks
Absence of design report. (Fire Control Building).	The building engineer is required to prepare a design report considering BNBC (part-6, Section-1.9.1)	within 6 weeks
	Carry out suggested remedial works if required.	within 6 months
Mismatch in as-built drawing. (Fire Control Building)	The building engineer is required to prepare accurate as-built drawings.	within 6 weeks
Non-engineered steel stair. (Fire Control Building)	The building engineer is required to check the adequacy of the shed	within 6 weeks
	Carry out suggested remedial works if required.	within 6 months
Absence of design report. (ETP Building).	The building engineer is required to prepare a design report considering BNBC (part-6, Section-1.9.1)	within 6 weeks
	Carry out remedial works if necessary.	within 6 months
Mismatch in as-built drawing. (ETP Building)	The building engineer is required to prepare accurate as-built drawings.	within 6 weeks
Non-engineered stair. (ETP Building)	The building engineer is required to check the adequacy of the shed	within 6 weeks
	Carry out suggested remedial works if required.	within 6 months
Dampness on the building. (ETP Building)	The building engineer is required to repair the dampness by a suitable method.	within 6 weeks
Stagnant water on the roof. (ETP Building)	The building engineer is required to improve the roof drainage system.	within 6 months
Non-engineered shed (Jhut Shed-1 & Jhut Shed-2)	The building engineer is required to check the adequacy of the shed	within 6 weeks
	Carry out suggested remedial works if required.	within 6 months