L'esquire Limited

Jamirdia, Valuka, Mymensingh.
(24.287047N, 90.391712E)
25 January 2024

RMG SUSTAINABILITY COUNCIL

Level 5, Shanta Forum, 187, 188/B,
Bir Uttam Mir Shawkat Sarak, Tejgaon,
Dhaka- 1208, Bangladesh
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1. Building Information

Production Building: This building is a ten-storied (B+G+M+9) reinforced concrete (RC) building with a basement floor.

Utility Building: This building is a three storied reinforced concrete (RC) building with Basement and Mezzanine at ground floor (B+G+M+2).

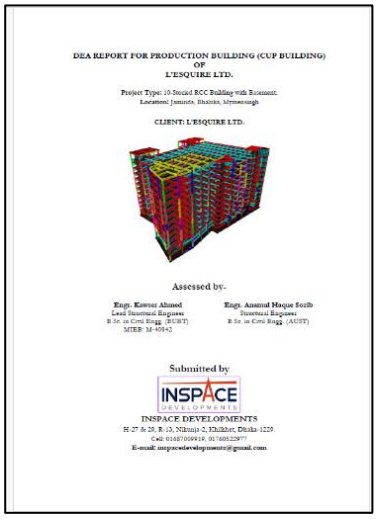
Sub-station: This building is a single storied reinforced concrete (RC) building.

RMS Room & ATM Booth: This building is a single-storied reinforced concrete (RC) building.

Main Gate-2: This building is a single-storied reinforced concrete (RC) building.

2. Observations

Observation 1: Design check against lateral loading needs to be reviewed in depth (Production Building).


DEA REPORT FOR PRODUCTION BUILDING (CUP BUILDING)
OF
L'ESQUIRE LTD.

Project Type: 10-Storied RCC Building with Basement
Location: Jamirta, Dhamia, Mymensingh

CLIENT: L'ESQUIRE LTD.

Assessed by-

Engr. Kawser Ahmed
Lead Structural Engineer
B.Sc. in Civil Engg. (BUET)
MIEB: M-40942

Engr. Asanul Hoque Sorib
Structural Engineer
B.Sc. in Civil Engg. (AUST)

Submitted by

INSPACE DEVELOPMENTS

Description: During the inspection, a detailed engineering assessment report and as-built drawings were available on site which need to be reviewed by RSC in depth for lateral forces. The building engineer is required to submit the design documents to RSC for review and implement remedial works If required.

Observation-2: Non-engineered slab opening and exposed rebar (Production Building).

Description: During inspection, a non-engineered slab opening is observed on every floor. The building engineer is required to check the slab adequacy for the non-engineered opening at every floor and factory is required to take remedial measures for exposed rebar at slab openings.

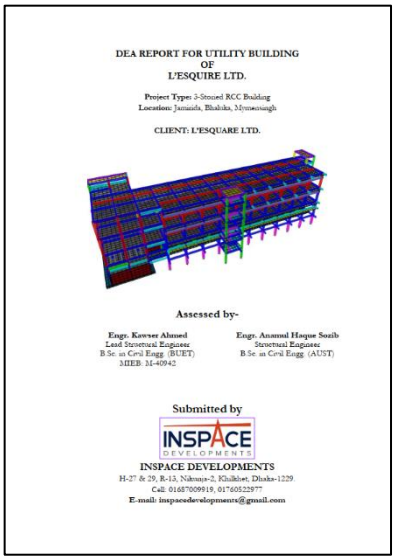
Observation-3: Column at ground floor at loading unloading area susceptible to vehicular impact (Production Building).

Description: During inspection, it was found that ground floor columns of Production Building at loading unloading area are susceptible to vehicular impact. Factory is required to provide adequate barriers around column at ground floor to prevent vehicular impact.

Observation-4: Crack on brick wall supporting the stairs from basement to ground floor (Production Building).

Description: During the inspection, cracks were observed on the brick wall which supports the stairs from the basement to the ground floor. The building engineer is required to investigate the reason for the crack of the load-bearing wall, check the stability of the stairs and implement remedial works if required.

Observation-5: Design check against lateral loading needs to be reviewed in-depth (Utility Building).

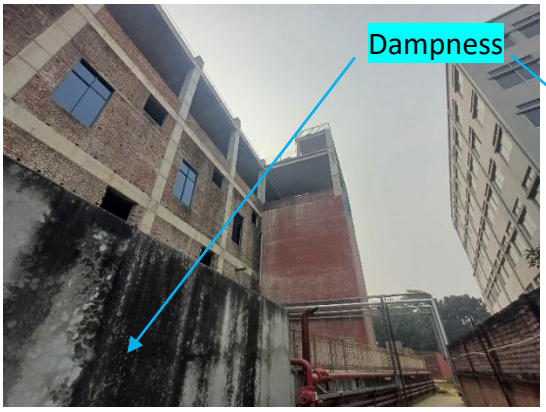


Description: Design check against lateral loading needs to be reviewed in-depth by RSC. The building engineer is required to submit DEA documents to RSC for review.

Observation-6: Improper water drainage system (Utility Building).

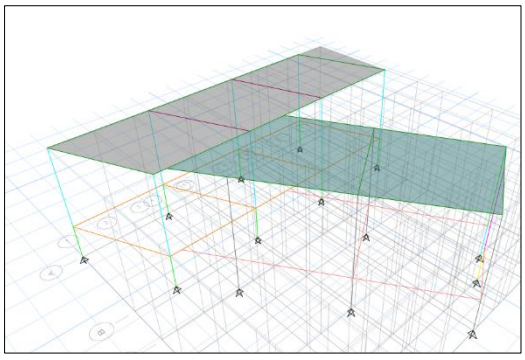
Description: During inspection, no water drainage system was observed on the roof. The building engineer is required to provide roof drainage system.

Observation-7: Dampness at the exterior wall (Utility Building).



Description: During the inspection, dampness was observed on the exterior wall. The building engineer is required to remove dampness and take remedial actions against dampness.

Observation-8: Design documents need to be reviewed by RSC for lateral forces (RMS Room & ATM Booth).



DEA REPORT FOR RMS & ATM BUILDING
OF
UNIQUE LTD.

Submitted by

INSPACE DEVELOPMENTS

Description: DEA documents of the building need to be reviewed in-depth against lateral forces by RSC. The building engineer is required to submit DEA documents to RSC for review.

Observation-9: Exposed re-bar at the roof. (RMS Room & ATM Booth).

Description: Exposed reinforcement was found on columns and rebar. Building engineer is required to provide an anti-corrosive coating to avoid corrosion.

3. Action Plan

Observation	Action Plan	Timeline
Design check against lateral loading needs to be reviewed in depth. (Production Building)	The building engineer is required to submit the design documents to RSC for review.	within 6 weeks
	Implement remediation work if required.	within 6 months
Non-engineered slab opening and exposed rebar. (Production Building)	The building engineer is required to check the slab adequacy for the non-engineered opening on every floor.	within 6 weeks
	The building engineer is required to take remedial measures for exposed rebar at slab openings.	within 6 weeks
	Implement remediation work if required.	within 6 months
Column at ground floor at loading unloading area susceptible to vehicular impact. (Production Building)	The building engineer is required to provide adequate barriers around columns on the ground floor to prevent vehicular impact	within 6 weeks
Crack in the brick wall supporting the stairs from the basement to the ground floor. (Production Building)	The building engineer is required to investigate the reason for the crack of the load-bearing wall and check the stability of the stairs.	within 6 weeks
	Carry out remedial works as per the crack investigation report.	within 6 months
Design check against lateral loading needs to be reviewed in-depth (Utility Building)	The building engineer is required to submit DEA documents to RSC for review.	within 6 weeks
	Carry out remedial work (if required).	within 6 months
Improper water drainage system (Utility Building)	The building engineer is required to provide a roof drainage system.	within 6 weeks
Dampness at the exterior wall (Utility Building)	The building engineer is required to remove dampness and take remedial actions against dampness.	within 6 months
Design documents need to be reviewed by RSC for lateral forces. (RMS Room & ATM Booth)	The building engineer is required to submit the design documents to RSC for review.	within 6 weeks
	Implement remediation work if required.	within 6 months
Exposed re-bar at the roof. (RMS Room & ATM Booth).	Building engineer is required to provide an anti-corrosive coating to avoid corrosion.	within 6 months