RELIANCE DRESSES LIMITED

Biswa Colony (Block-K), Sea World Road, Akbarsha, Chittagong.
(22.373836, 91.785493)

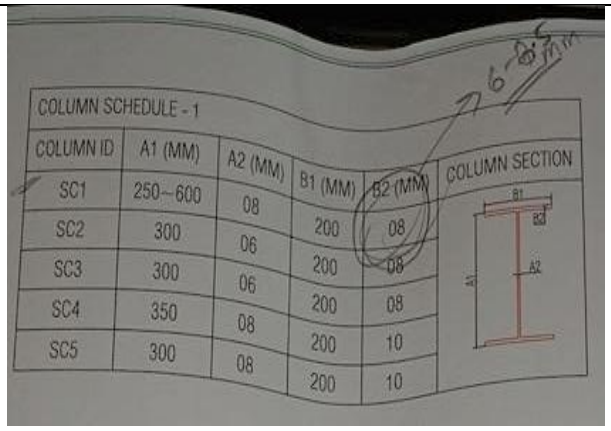
12 October 2025

1. Building Information

1. Production Shed
2. Sub-Station building
3. Dining Shed
4. Child Care Shed
5. Wastage Shed
6. Security Shed
7. Boiler Shed
8. Fire Hydrant Shed
9. Car Parking Shed

2. Observation:

Observation-01: Mismatches in as-built drawings. (Production Shed)

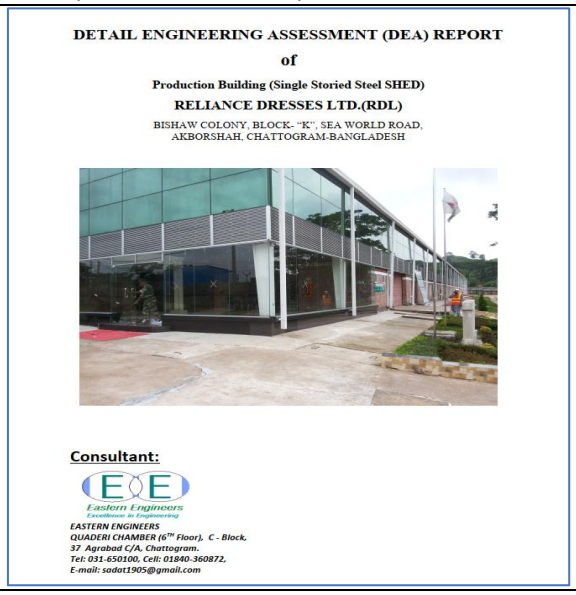


COLUMN SCHEDULE - 1

COLUMN ID	A1 (MM)	A2 (MM)	B1 (MM)	B2 (MM)	COLUMN SECTION
SC1	250~600	08	200	08	
SC2	300	06	200	08	
SC3	300	06	200	08	
SC4	350	08	200	08	
SC5	300	08	200	10	
			200	10	

Description: Discrepancies observed in the as-built drawing. Size of exterior column (SC1) was found 6 mm instead of 8 mm. Building engineer is required to survey the structure and prepare accurate and detailed as-built drawings.

Observation-02: Design report needs to be reviewed for proposed retrofitting scheme and lateral forces. (Production Shed)



DETAIL ENGINEERING ASSESSMENT (DEA) REPORT

of

Production Building (Single Storied Steel SHED)

RELIANCE DRESSES LTD.(RDL)

BISHAW COLONY, BLOCK- "K", SEA WORLD ROAD,
AKBORSHAH, CHATTOGRAM-BANGLADESH

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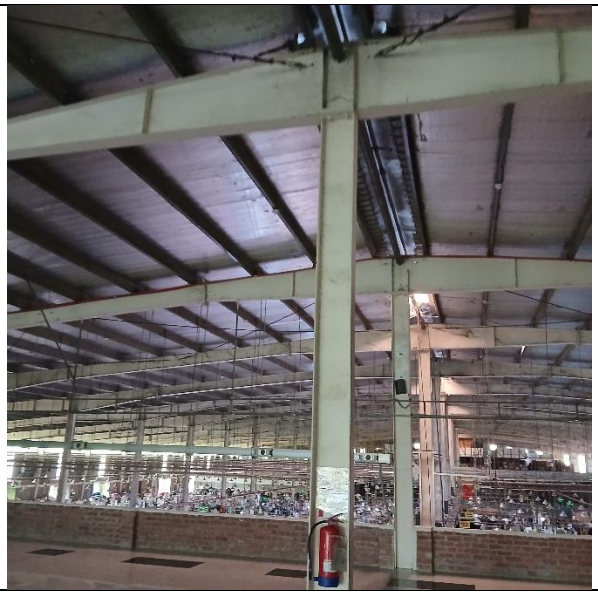


Description: A design report has been prepared for the single-storied shed. The prepared design report needs to be reviewed against lateral forces. Submit the design report to the RSC for detailed review.

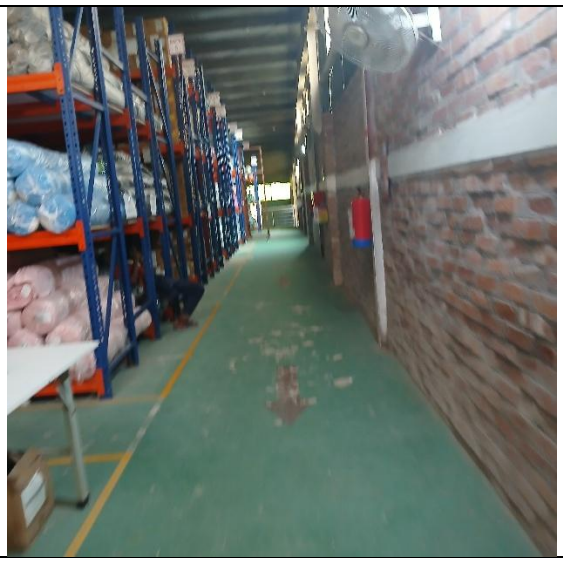
Observation-03: Bolt missing and connection gap. (Production Shed)

Description: Bolt missing and connection gaps were found in several locations. Building engineer is required to repair the connection gap with suitable method. Also install the missing bolts.

Observation-04: Loose, missing cable bracing, improper connection. (Production Shed)

Description: Missing and loose cable bracings were observed in several locations. Also, improper connections were found in all locations. Building engineer is required to check the design philosophy for the requirements of the bracings and suggest proper connection details.

Observation-05: Non-structural elements not anchored/braced. (Production Shed)

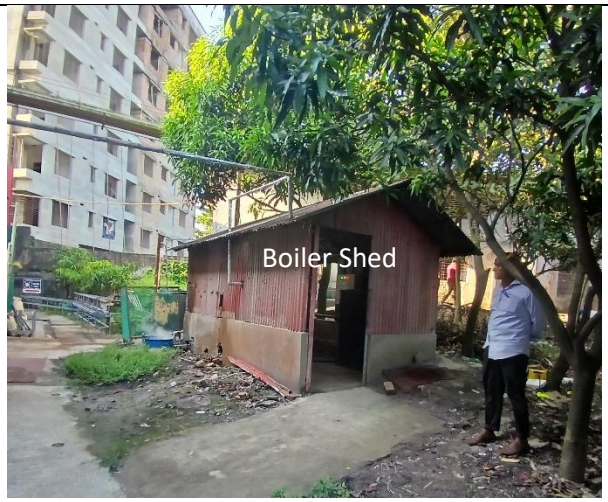


Description: During inspection, non-anchored racking system was found on-site. Building engineer is required to adequately brace or anchor all the non-structural elements.

Observation-06: Exposed rebar on roof. (Sub-station Building)

Description: During the inspection, corrosion was found on the exposed rebars. The building engineer is required to apply rust-proof paint on the exposed rebars to protect them from further corrosion.

Observation-07: Lack of as-built drawing. (Dining Shed, Child Care Shed, Wastage Shed, Security Shed, Boiler Shed, Fire Hydrant Shed, Car Parking)



Description: As-built drawings were not found for these structures. Building engineer is required to prepare as-built drawings with complete structural & architectural details.

Observation-08: Lack of lateral load resisting system. (Dining Shed)

Description: Lack of lateral load resisting system observed (No Bracing, Compression Strut) in the Dining Shed. Building engineer is required to check the lateral stability system as part of the Engineering Assessment (EA).

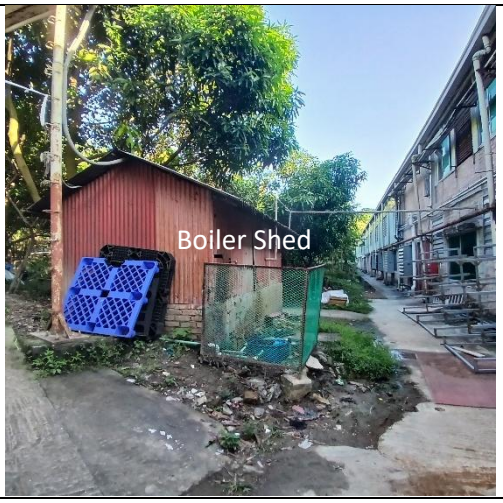
Observation-09: Inadequate connection and lack of stability. (Child Care Shed, Security Shed, Fire Hydrant Shed, Car Parking)

Description: Poor connection details were observed on the sheds. A safety check report according to the Accord Building Standard is required to be prepared to check the inadequacies. Or replace the existing structure with an engineering one where necessary.

Observation-10: Inadequate member size, connection, and lack of stability. (Wastage Shed, Boiler Shed)

Description: Inadequate member sizes, poor connection details were observed on these sheds. Building engineer is required to check the connection adequacy and lateral stability as a part of EA. Or replace the existing structure with an engineering structure.

Observation-11: Lack of building permit. (Wastage Shed, Boiler Shed)



Description: The sheds were constructed between 2022 and 2023; however, permit drawings for these structures were not available during the inspection. The building engineer is required to obtain the approved permit drawings from the local authority.

3. Action Plan

Item No	Observation	Action Plan	Timeline
1.	Mismatches in as-built drawings. (Production Shed)	Building engineer is required to survey the structure and prepare accurate and detailed as-built drawings.	within 6 weeks
2.	Design report needs to be reviewed for proposed retrofitting scheme and lateral forces. (Production Shed)	The prepared design report needs to be reviewed against lateral forces. Submit the design report to the RSC for detailed review.	within 6 weeks
3.	Design report needs to be reviewed for proposed retrofitting scheme and lateral forces. (Production Shed)	Produce and actively manage load plan.	within 6 weeks
4.	Design report needs to be reviewed for proposed retrofitting scheme and lateral forces. (Production Shed)	Implement the recommendations of the design report.	within 6 months
5.	Design report needs to be reviewed for proposed retrofitting scheme and lateral forces. (Production Shed)	Implement floor load plan.	within 6 months
6.	Bolt missing and connection gap. (Production Shed)	Building engineer is required to repair the connection gap with a suitable method.	within 6 weeks
7.	Bolt missing and connection gap. (Production Shed)	Install the missing bolts.	within 6 weeks
8.	Loose, missing cable bracing, improper connection (Production Shed)	Building engineer is required to check the design philosophy for the requirements of the bracings and suggest proper connection details.	within 6 weeks
9.	Loose, missing cable bracing, improper connection (Production Shed)	Implement the suggested remedial works.	within 6 months
10.	Non-structural elements not anchored/braced. (Production Shed)	Building engineer is required to adequately brace or anchor all the non-structural elements to resist lateral or earthquake forces.	within 6 weeks
11.	Exposed rebar on roof. (Sub-station Building)	The building engineer is required to apply rust-proof paint on the exposed rebars to protect them from further corrosion.	within 6 weeks

12.	Lack of as-built drawing. (Dining Shed)	Building engineer is required to prepare as-built drawings with complete structural & architectural details.	within 6 weeks
13.	Lack of lateral load resisting system. (Dining Shed)	Building engineer is required to check the lateral stability system as part of the Engineering Assessment (EA).	within 6 weeks
14.	Lack of lateral load resisting system. (Dining Shed)	Implement the remediation after receiving EA acceptance.	within 6 months
15.	Lack of as-built drawing. (Child Care Shed)	Building engineer is required to prepare as-built drawings with complete structural & architectural details.	within 6 weeks
16.	Inadequate connection and lack of stability. (Child Care Shed)	A safety check report according to the Accord Building Standard is required to be prepared to check the inadequacies.	within 6 weeks
17.	Inadequate connection and lack of stability. (Child Care Shed)	Implement the recommendations of the safety check report.	within 6 months
18.	Lack of as-built drawing. (Wastage Shed)	Building engineer is required to prepare as-built drawings with complete structural & architectural details.	within 6 weeks
19.	Inadequate member size, connection, and lack of stability. (Wastage Shed)	Building engineer is required to check the connection adequacy and lateral stability as a part of the EA.	within 6 weeks
20.	Inadequate member size, connection, and lack of stability. (Wastage Shed)	Implement the recommendations of the safety check report. Or replace the existing structure with an engineering structure.	within 6 months
21.	Lack of as-built drawing. (Security Shed)	Building engineer is required to prepare as-built drawings with complete structural & architectural details.	within 6 weeks
22.	Inadequate connection and lack of stability. (Security Shed)	A safety check report according to the Accord Building Standard is required to be prepared to check the inadequacies.	within 6 weeks
23.	Inadequate connection and lack of stability. (Security Shed)	Implement the recommendations of the safety check report.	within 6 months
24.	Lack of as-built drawing. (Boiler Shed)	Building engineer is required to prepare as-built drawings with complete structural & architectural details.	within 6 weeks

25.	Inadequate member size, connection, and lack of stability. (Boiler Shed)	Building engineer is required to check the connection adequacy and lateral stability as a part of EA.	within 6 weeks
26.	Inadequate member size, connection, and lack of stability. (Boiler Shed)	Implement the recommendations of the safety check report. Or replace the existing structure with an engineering structure.	within 6 months
27.	Lack of as-built drawing. (Fire Hydrant Shed)	Building engineer is required to prepare as-built drawings with complete structural & architectural details.	within 6 weeks
28.	Inadequate connection and lack of stability. (Fire Hydrant Shed)	A safety check report according to the Accord Building Standard is required to be prepared to check the inadequacies.	within 6 weeks
29.	Inadequate connection and lack of stability. (Fire Hydrant Shed)	Implement the recommendations of the safety check report. Or replace the existing structure with an engineering one where necessary.	within 6 months
30.	Lack of as-built drawing. (Car Parking)	Building engineer is required to prepare as-built drawings with complete structural & architectural details.	within 6 weeks
31.	Inadequate connection and lack of stability. (Car Parking)	A safety check report according to the Accord Building Standard is required to be prepared to check the inadequacies.	within 6 weeks
32.	Inadequate connection and lack of stability. (Car Parking)	Implement the recommendations of the safety check report.	within 6 months
33.	Lack of building permit. (Wastage Shed, Boiler Shed)	The building engineer is required to obtain the approved permit drawings from the local authority.	within 6 months