

JERICO IMEX LTD. (Extention 2)

Dag no# 1726 & 856, Montree bari road, south shaln, Shalna bazar, Gazipur-1703

(24.031458,90.390348)

15 April 2026



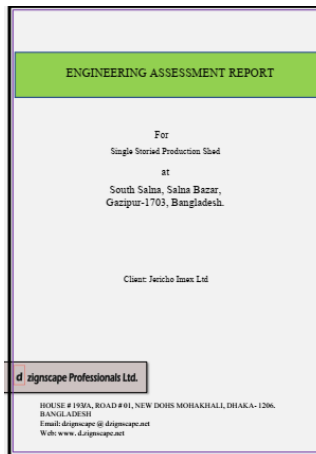
1. Building Information

Finishing shed is a single-storied steel shed.

Boiler building is a single-storied RC building

2. Observation

Observation-01: Inconsistencies in design documents. (Finishing Shed).



Description: The determination of soil site classification along with seismic design category is missing in EA report, seismic compactness is not provided for all types of steel members and connection adequacy checks are missing for many of the joints. Additionally structural system and seismic parameters and detailing are missing for the RC parts.

Building engineer is required to update the EA documents and submit to RSC to review the against lateral loading in compliance with BNBC 2020.

Observation-02: Appearance of corrosion in steel section. (Finishing Shed).



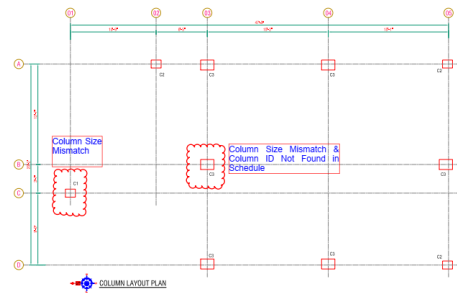
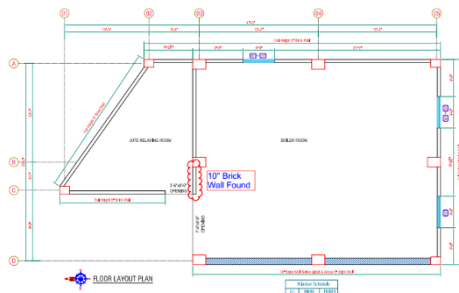
Description: Appearance of corrosion observed at the bottom of steel columns during inspection. The building engineer is required to carry out periodic maintenance and implement necessary corrective measures to prevent further progression of the corrosion.

Observation-03: Lack of anchorage in non-structural elements. (Finishing Shed).



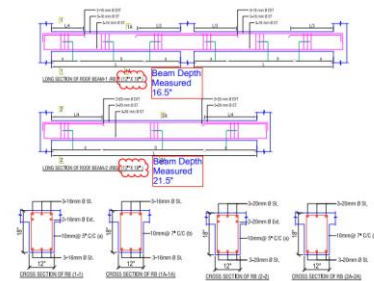
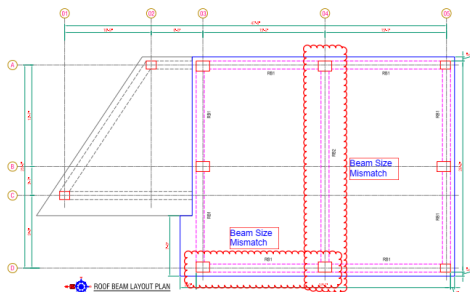
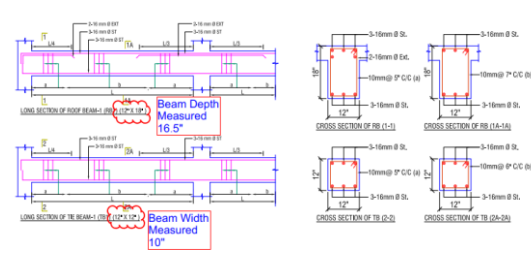
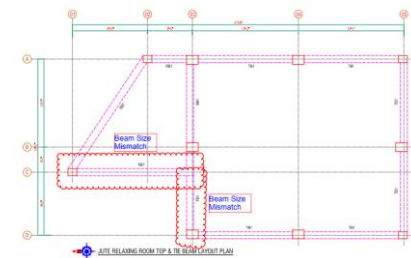
Description: Unanchored racks observed on the production floor. The building engineer is required to provide adequate anchorage to those racks to provide stability.

Observation-04: Mismatch found in-between provided as-built drawing and actual site condition. (Boiler Building).



SCHEDULE OF COLUMN REINFORCEMENT			
NAME OF COLUMN	UP TO PL	PL TO ABOVE	
C1	12" 10 mm Ø @ 475mm C/C 15-15 mm Ø	12" 10 mm Ø @ 475mm C/C 15-15 mm Ø	Size Measured on site (15"X18")
C2	12" 10 mm Ø @ 475mm C/C 15-15 mm Ø	12" 10 mm Ø @ 475mm C/C 15-15 mm Ø	
C3	22" 10 mm Ø @ 475mm C/C 15-15 mm Ø	22" 10 mm Ø @ 475mm C/C 15-15 mm Ø	Size Measured on site (16"X20")

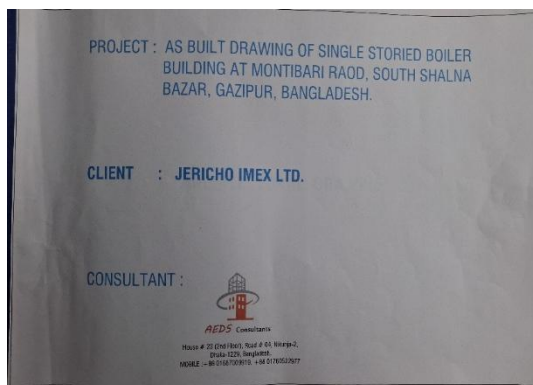
Column ID C3 is Missing



Description: Mismatch in between as-built drawings and actual site condition observed in multiple locations. E.g. 10"thick brick wall observed in floor layout plan at grid 3-B~C, but 5" wall is shown in the as-built drawing. Column size mismatch observed in C1 and C3 column. In addition, C3 ID was missing in the column schedule in as-built drawing. Beam size mismatch found in Beam ID RB1, RB2 And TB1 at different locations.

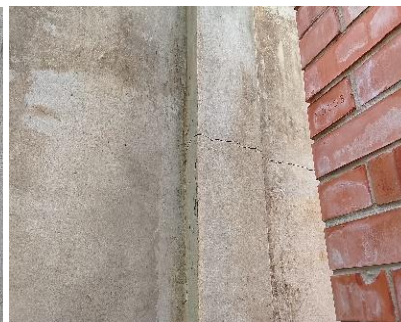
The building engineer is required survey the whole structure and address all the discrepancies in the as-built drawing and correct it accordingly.

Observation-05: Lack of design documents. (Boiler Building).



Description: A set of as-built architectural and structural drawings was provided during the inspection. However, the building engineer is required to perform engineering assessment in accordance with BNBC 2020 and EA documents need to be submitted to RSC for review.

Observation-06: Crack observed in Boundary wall.



Description: Diagonal and horizontal cracks were observed at multiple locations on the boundary wall at sound side of the Finishing shed and back side of the Boiler building. The height of the wall was measured around 12 feet. The building engineer is required to investigate the cause of the cracks and implement appropriate remedial measures accordingly.

Observation-07: Lack of construction safety precaution. (Under Construction Building)



Description: Under-construction site was observed within the factory premises, which were not adequately secured to restrict worker access. Also, the construction worker were not following the construction safety precautions like PPE, safety shoes etc.

The safety engineer is required to ensure proper separation of the construction area to prevent unauthorized entry and ensure all the construction safety precautions following BNBC-2020 (Part-VII; Ch-3).

3. Action Plan

Item No	Observation	Action Plan	Timeline
1.	Inconsistencies in design documents. (Finishing Shed).	Building engineer is required to update the EA document and submit to RSC for further review.	within 6 weeks
2	Inconsistencies in design documents. (Finishing Shed).	Carry out the remedial works if required	within 6 months
3	Appearance of corrosion in steel section. (Finishing Shed).	The factory engineer needs to take necessary corrective measures to repair the corrosion, observed and ensure regular maintenance.	within 6 weeks
4	Lack of anchorage in non-structural elements. (Finishing Shed).	The factory engineer is required to brace/anchor all non-structural elements.	within 6 weeks
5	Mismatch found in-between provided as-built drawing and actual site condition. (Boiler Building).	The building engineer is required to survey the full structure, update the as-built drawings, and submit them to RSC.	within 6 weeks
6	Lack of design documents. (Boiler Building).	The building engineer is required to prepare Engineering Assessment (EA) report following BNBC-2020 and submit to RSC for review	within 6 weeks
7	Lack of design documents. (Boiler Building).	Carry out the remedial works if required	within 6 months
8	Crack observed in Boundary wall	The building engineer is required to investigate the cause of the cracks and implement appropriate remedial measures accordingly.	within 6 weeks
9	Lack of construction safety precaution (Under Construction Building)	The construction safety engineer is required to enforce construction safety practices and secure the site to prevent unauthorized access and accidents and ensure all the construction safety precautions following BNBC-2020 (Part-VII; Ch-3).	Immediate