

Magnum BD (Pvt) Ltd; International Classic Composite Ltd (ICCL) (Extension)

Naojur, Kodda, Joydebpur
(23.992545, 90.357336)
6 November 2025

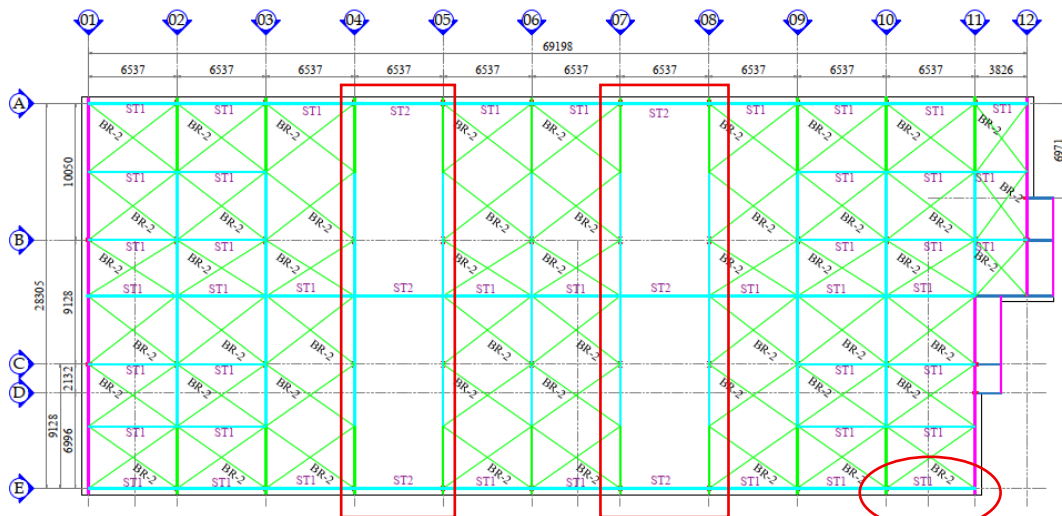


1. Building Information

- a. 3-Storied Steel Building

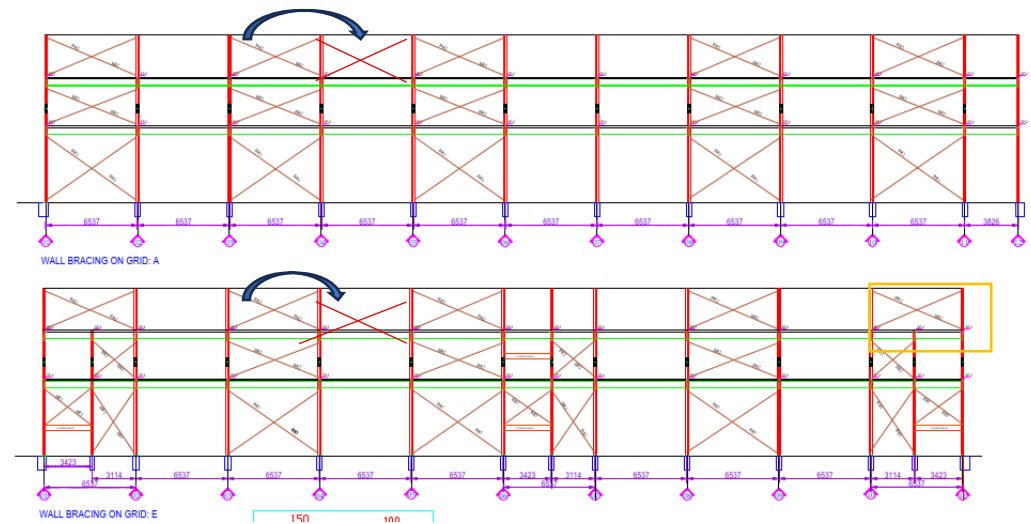
2. Observations:

Observation-1: Mismatch in prepared as-built drawings. [Three (3) Storied Steel Building]



Roof bracing layout

Description: Roof bracings found on site at the marked location but not provided in the as-built drawings. The compression strut was found missing in the E/10-11 grid.



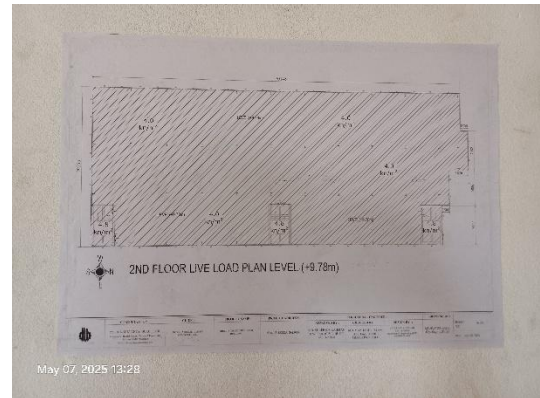
Wall bracing layout



Description: Wall bracings shifted to the adjacent bay at the marked location. Also, wall bracing was not found in the E/10-11 grid. Moreover, mismatch found in connection joint between rafter-column and roof bracing. Building engineer is required to survey the structure and prepare an accurate as-built drawing.

Observation-2: Load plan does not comply with BNBC requirements. (Three (3) Storied Steel Building)

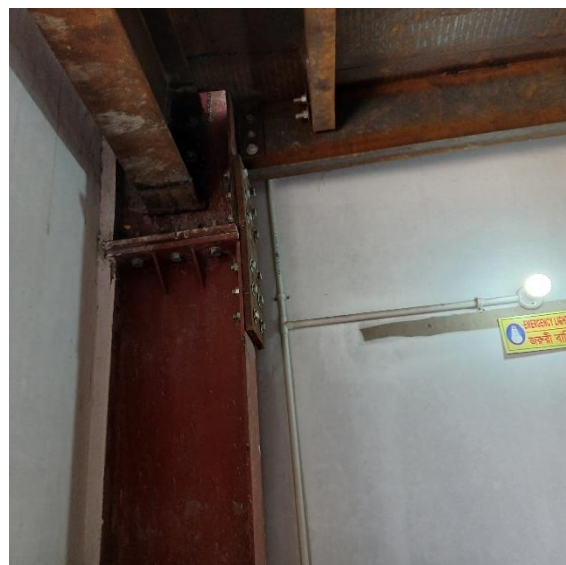
৩১১৮ বাংলাদেশ গেজেট, অতিরিক্ত, ফেব্রুয়ারি ১১, ২০২১		
Occupancy or Use	Uniform kN/m ²	Concentrated kN
Storage areas above ceilings	1.00	--
Storage warehouses (shall be designed for heavier loads if required for anticipated storage)		
Light	6.00	--
Heavy	12.00	--
Stores		
Retail		
First floor	4.80	4.50
Upper floors	3.60	4.50
Wholesale, all floors	6.00	4.50
Vehicle barriers	See Sec 2.3.11	



Description: The 2nd floor of the building is allotted for storage. As per BNBC, the minimum floor live load for storage is 6 kN/m² (125 psf). But the 2nd floor of the building is designed for 4 kN/m² live loads.

Building engineer is required to revise the load plan and related design documents based on BNBC requirements.

Observation-3: Corrosion on the steel members. [Three (3) Storied Steel Building]



Description: During the inspection, corrosion was observed on several steel members. The factory is required to remove rust and apply anti-corrosive paint on steel members.

5. Action Plan:

Item No	Observation	Action Plan	Timeline
1.	Mismatch in prepared as-built drawings. (Three (3) Storied Steel Building)	Building engineer is required to survey the structure and prepare the as-built drawing.	within 6 weeks
2.	Load plan does not comply with BNBC requirements. (Three (3) Storied Steel Building)	Building engineer is required to prepare a live load plan as per BNBC requirements.	within 6 weeks
3.	Load plan does not comply with BNBC requirements. (Three (3) Storied Steel Building)	Prepared assessment report to be checked against lateral loads following BNBC 2020 by RSC.	within 6 weeks
4.	Load plan does not comply with BNBC requirements. (Three (3) Storied Steel Building)	Carry out the suggested remedial works (if any).	within 6 months
5.	Load plan does not comply with BNBC requirements. (Three (3) Storied Steel Building)	Implement and maintain the floor live load as per the prepared load plan.	within 6 months
6.	Corrosion on the steel members. (Three (3) Storied Steel Building)	The factory is required to remove rust and apply anti-corrosive paint on steel members.	within 6 weeks