

Pimkie Apparels Ltd (New Building)

Plot # 327, Block # F, Tongi, Industrial Area, Dhaka
(23.52563N, 90.23479E)
6th September 2021



Buildings Information

1. Building-2 (G+3)
2. Utility Building (single storied)

Observations

Design report needs to be prepared



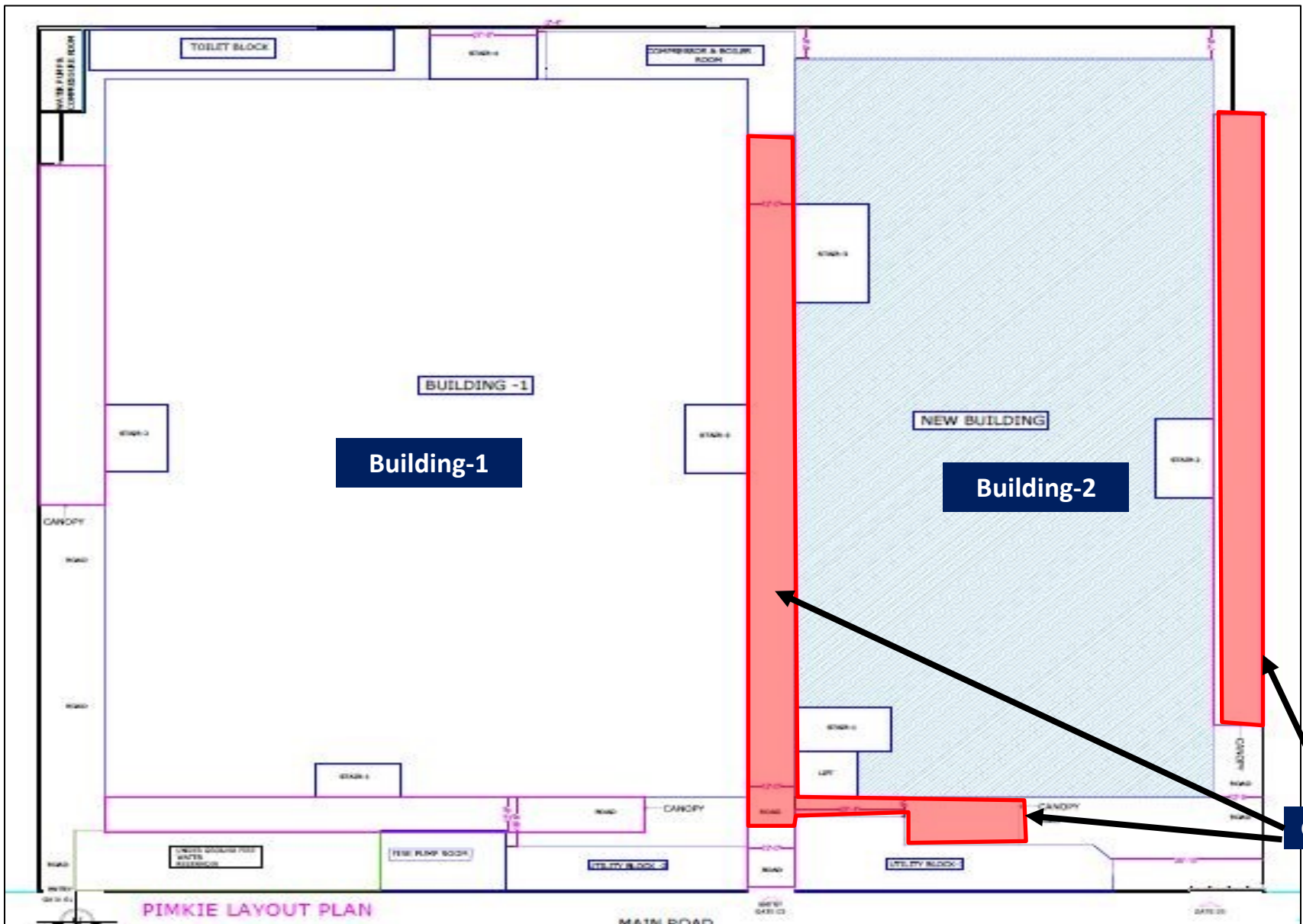
Interior of the building



Isometric view

As per BNBC every building or structure designed shall have its design documents prepared in accordance with the provision of Section 1.9.1. The design document shall include a design report, and a set of structural drawings, which shall be prepared in compliance with section 1.9.1.1 and section 1.9.1.2 as per BNBC. During the inspection, only as-built drawing was available however no design report was available which is required to be prepared in compliance with section 1.9.1 (part-6, BNBC).

Undocumented canopies structurally connected with Building-2



Canopies connected with Building-2

7 Observations: Building-2



Canopy (North side)



Canopy (East side)

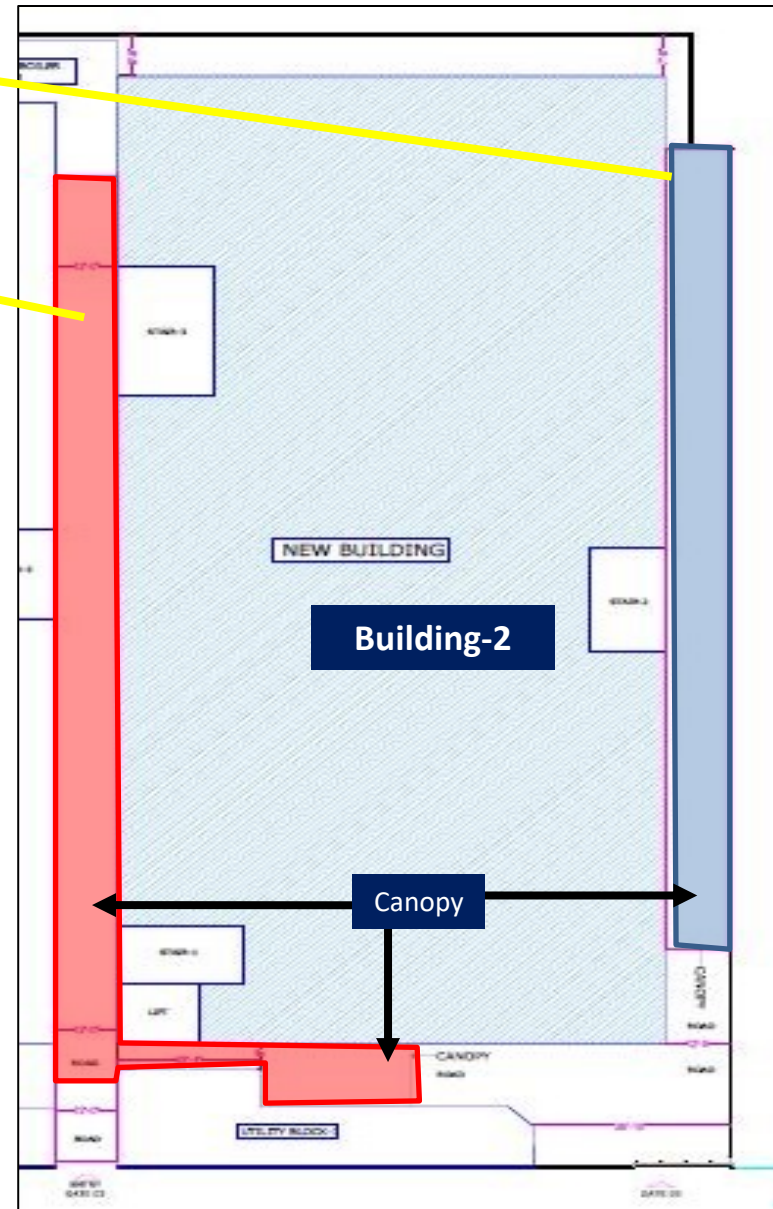


Canopy connection with brick wall

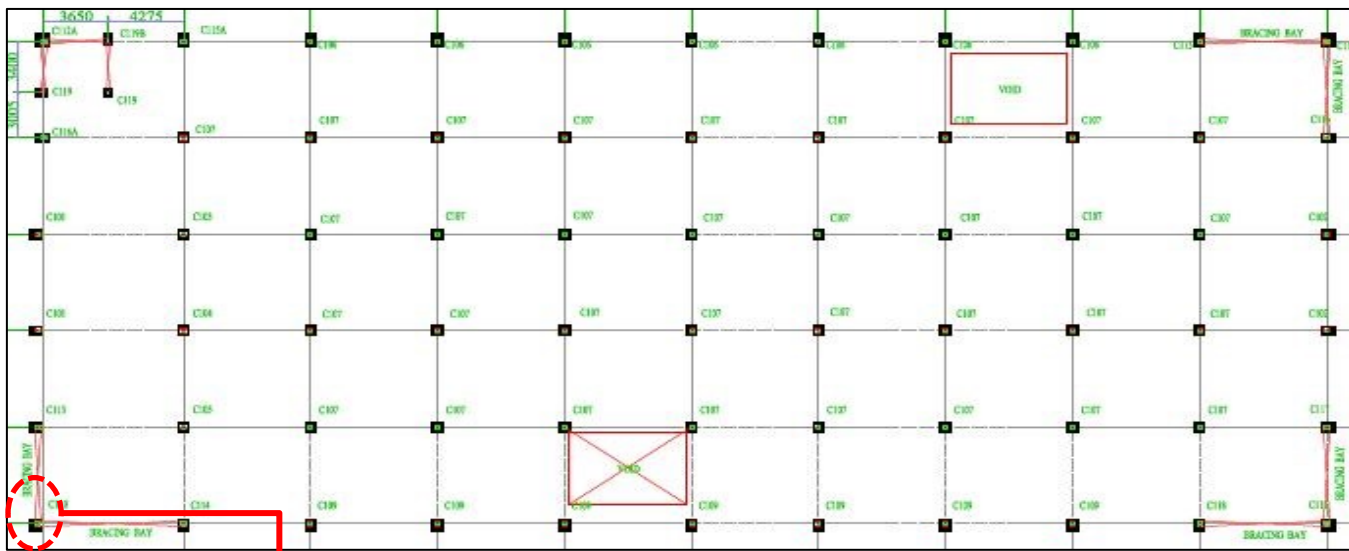


Canopy (West side)

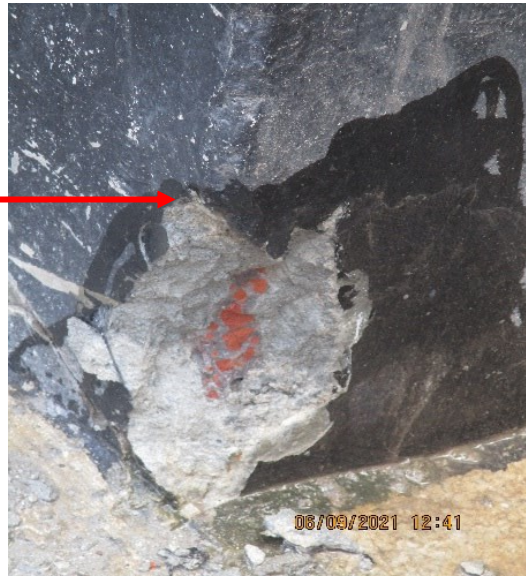
There are canopies in three sides of Building-2 (east, west and north direction) which are structurally connected with brick wall where load paths are not clear. Factory engineer is required the check the connection adequacy and stability of these canopies. And also prepare design document in compliance with section 1.9.1 (part-6, BNBC 2006).



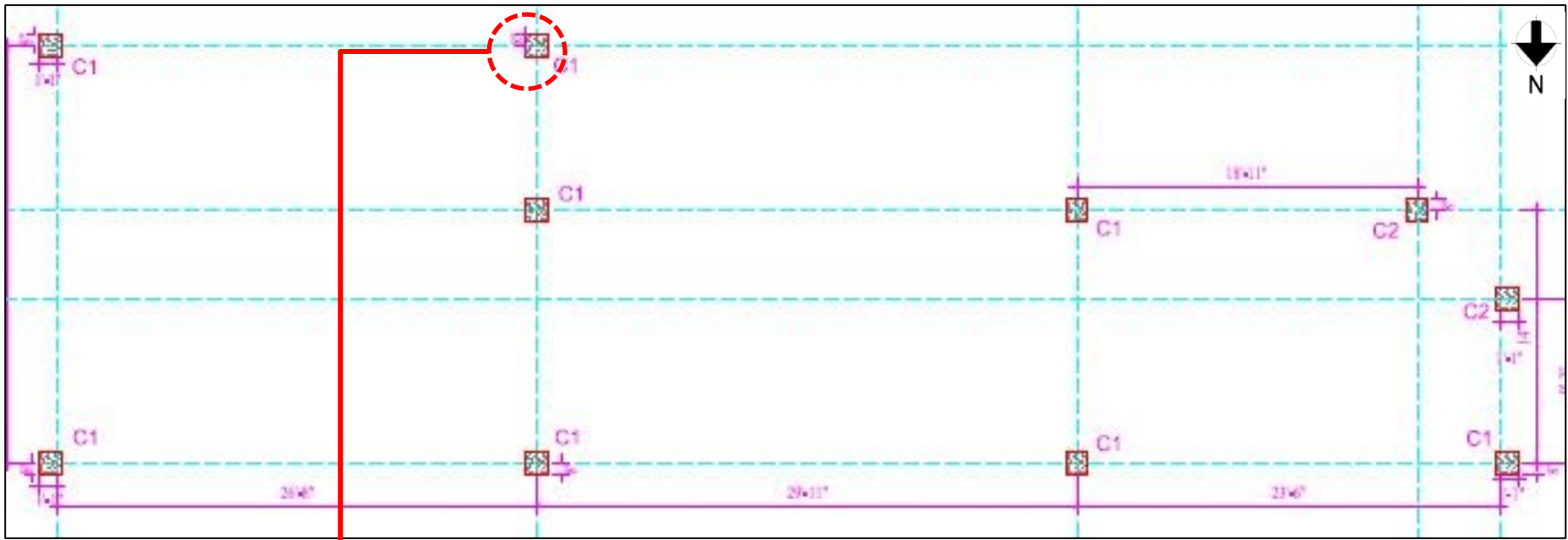
Test Carried Out



Column and bracing Layout Plan



Brick aggregate in pedestal column



Column Layout Plan



Rebar Scans



Stone aggregate

Priority Actions

Problems Observed

Building-2:

Item-01: Design report needs to be prepared.

Item-02: Undocumented canopies structurally connected with Building-2

Item No.	Observation	Recommended Action Plan	Recommended Timeline
01	Design report needs to be prepared. (Building-2)	Building engineer to prepare the Design Report for the full structure, in compliance with section 1.9.1 as per BNBC.	6-weeks
02	Design report needs to be prepared. (Building-2)	Complete implementation of any remedial works deemed necessary by the Design Report.	6-months
03	Undocumented canopies structurally connected with Building-2	Building Engineer is required to check the connection adequacy of the canopies.	6-weeks
04	Undocumented canopies structurally connected with Building-2	Building engineer to prepare the Design Report for the canopy, in compliance with section 1.9.1 as per BNBC.	6-weeks

Item No.	Observation	Recommended Action Plan	Recommended Timeline
05	Undocumented canopies structurally connected with Building-2	Complete implementation of any remedial works deemed necessary by the Design Report.	6-months