



Southern Garments Ltd (New Building)

Zirabo, Ashulia, Savar, Dhaka
(23.911717, 90.314552)
07th July 2019



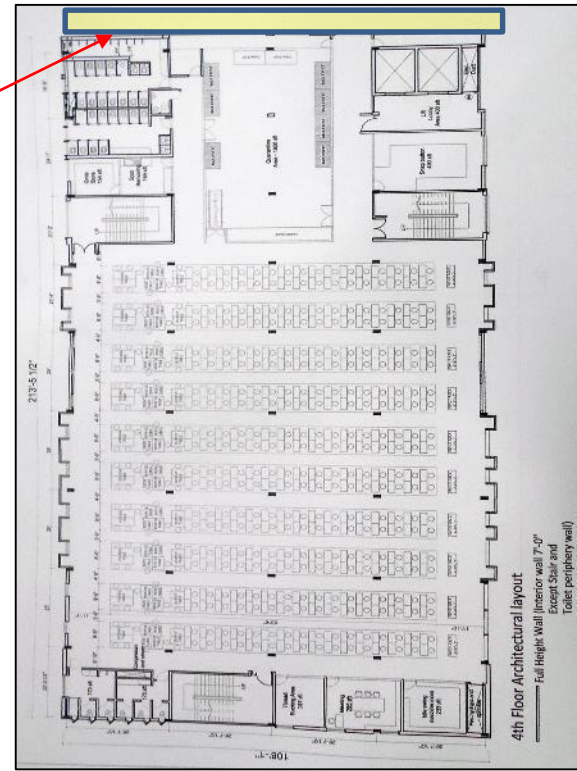


Observations



Discrepancies between provided drawings and on-site observation

3 **Observation : Production Building**



Cantilever portion was observed in the north side from 2nd floor to 4th floor



Cantilever slab on north side and stair landing details is not shown the drawing. As-built drawing is required to be updated.

Stair landing supporting system from main beam

Observation : Production Building



Corrosion on steel column

5 **Observation : Production Building**



Corrosion found in column and bracing joint connection.

Observation : Production Building



Lack of structural documents of external Steel stairs

Observation : Utility building



Steel stair on the north side



Connection with building wall

No drawing was available for the stair. The stairs do not have adequate bracing and the connection with the building appears to be poor. Building Engineer to carry out a design check of the steel stair with emphasis on bracing and connections, and to carry out the necessary remedial works if required.



Spiral Steel stair on the south side

Observation : Utility building



Problems Observed

Item 1: Discrepancies between provided drawings and on-site observation

Item 2: Corrosion on steel column

Item 3: Lack of structural documents of external steel stairs



Priority Actions



Item No.	Observation	Recommended Action Plan	Recommended Timeline
1	Discrepancies between drawings and on-site observation	Factory engineer is required to survey all the structural elements properly and produce correct as built drawings.	6-weeks
2	Corrosion on steel column	The building engineer to investigate the reason & extent of corrosion and suggest proper remedial measure accordingly	6-weeks
3	Corrosion on steel column	Take necessary measures to prevent further corrosion and repair the corroded steel members as per engineer's suggestion.	6-months
4	Lack of structural documents of external steel stairs	Factory engineer is required to survey all the structural elements properly and produce correct as built drawings.	6-weeks
5	Lack of structural documents of external steel stairs	The factory engineer to review design/capacity of steel stairs.	6-weeks
6	Lack of structural documents of external steel stairs	Carry out remedial action if required.	6-months