

CA Knitwear Ltd. (Relocation)

Vill: Bhabanipur, P.O: Mahna Bhabanipur, Gazipur Sadar, Gazipur
(24.147535, 90.422713)

20th June 2017





Observations



Implement floor load management program

Observation : Main Factory Building



Main factory building (2nd Floor)

No load management programs were visible except post of load plan. Factory is required to implement load management program as per its floor loading capacity and Follow the load plans for all floors of the buildings and make sure that the workers understand the loading requirements.



Falling hazards on the roof and protect reinforcement from corrosion

Observation : Main Factory & Utility Building



Main factory building



Main factory building

Falling hazards due to unprotected edge of under construction building. All exposed reinforcement must have adequate protection from the corrosion. Currently the exposed reinforcement is prone to corrosion.



Utility building

Observation : Main Factory & Utility Building



Water ponding and stacking of construction material on roof

Observation : Main Factory Building



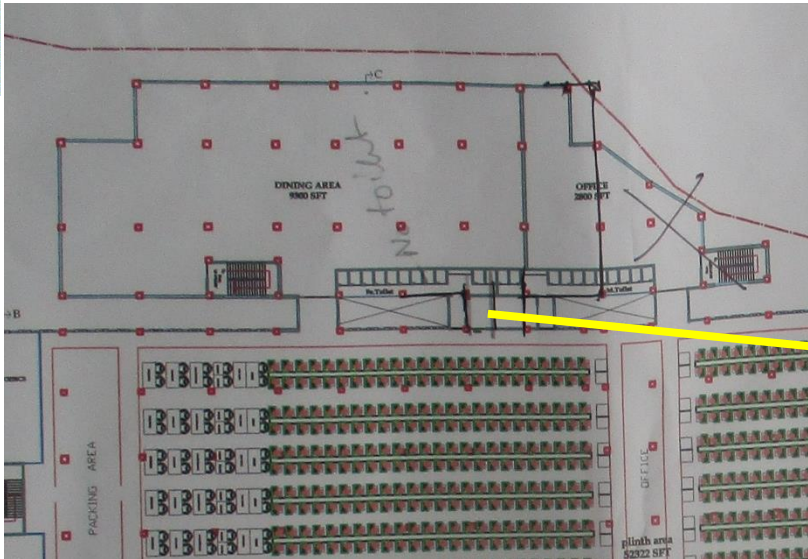
Water ponding found at current roof of the factory building. Also stacking of construction materials were found at roof.





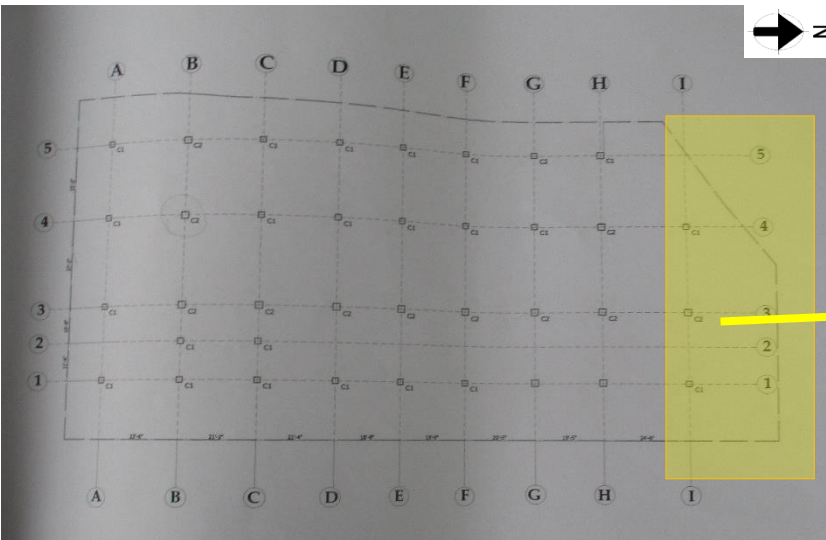
Mismatch in drawings

Observation : Utility Building



Floor Layout Plan

Architectural drawings not fully matched. Toilet partition wall and location of connection bridge not matched with drawings.



Column Layout Plan



Column & floor layout and nos. of grid do not fully matched with provided drawings.



Problems Observed

Main Factory Building:

Item-1: Implement floor load management program.

Item-2: Falling hazards on the roof and protect reinforcement from corrosion.

Item-3: Water ponding and stacking of construction material on roof.

Utility Building:

Item-4: Discrepancies between Structural drawing and On-site condition.



Item No.	Observation	Recommended Action Plan	Recommended Timeline
1	(Main Factory Building) Implement floor load management program	Factory is required to implement load management program as per its floor loading capacity.	6-weeks
2	(Main Factory Building) Implement floor load management program	Follow the load plans for all floors of the buildings and make sure that the workers understand the loading requirements.	6-months
3	(Main Factory & Utility Building) Falling hazards on the roof and protect reinforcement from corrosion.	Secure constructed area around the perimeter wall to exclude any possible falling hazard.	Immediate - Now
4	(Main Factory & Utility Building) Falling hazards on the roof and protect reinforcement from corrosion.	All exposed reinforcement is to be protected from corrosion which may cause degradation of the concrete.	6-weeks



Item No.	Observation	Recommended Action Plan	Recommended Timeline
5	(Main Factory Building) Water ponding and stacking of construction material on roof	For both durability and serviceability, waterproofing on the roof slab is recommended. Moreover the roof slab drainage system should be investigated.	6-weeks
6	(Main Factory Building) Water ponding and stacking of construction material on roof	Remove construction materials from roof top.	6-weeks
7	(Utility building) Discrepancies between Structural drawing and on-site condition.	Building Engineer to prepare accurate as-built structural and architectural drawing.	6-weeks