

Golden Refit Garments Ltd. (Extension)

589 Chirir Chala, Baghair Bazar, Bhabanipur, Gazipur, Bangladesh
(24.167049, 90.427188)

14th November 2016



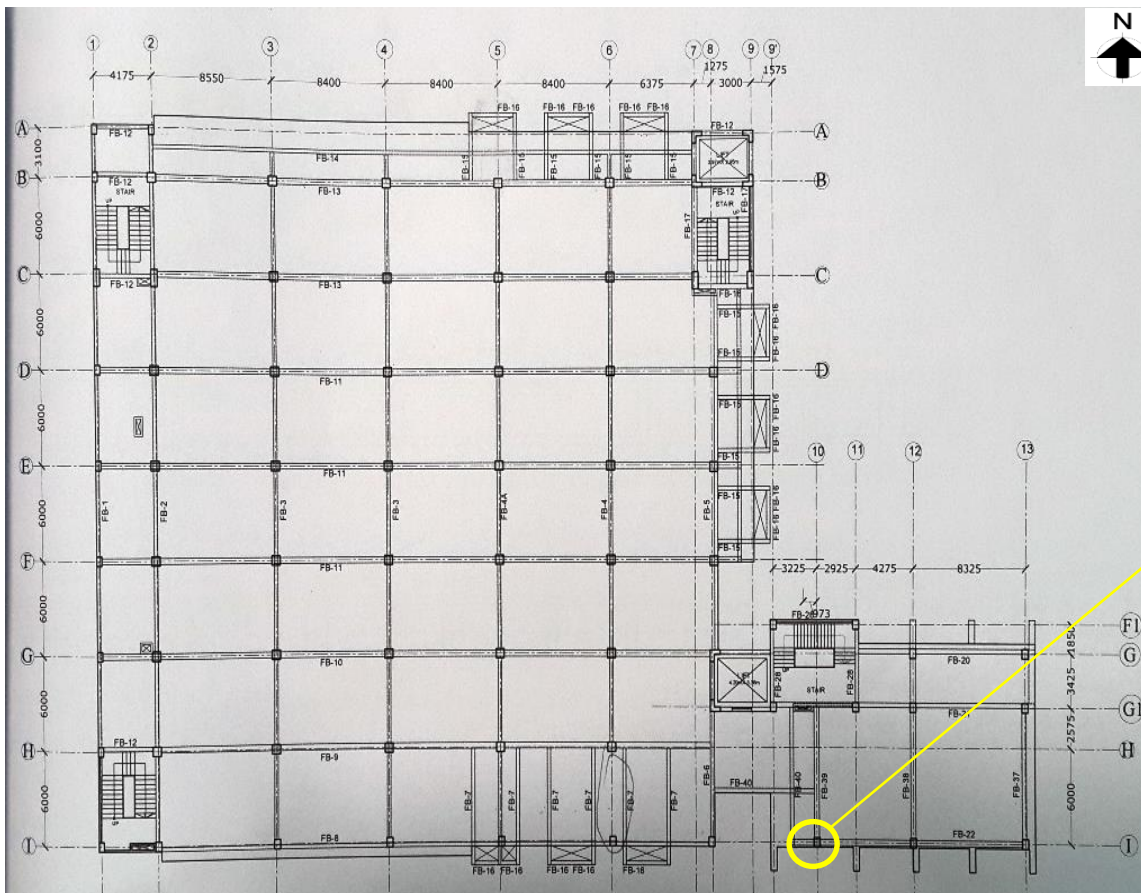


Observations



Columns susceptible to vehicle impact

Observations: New Building



Column Layout



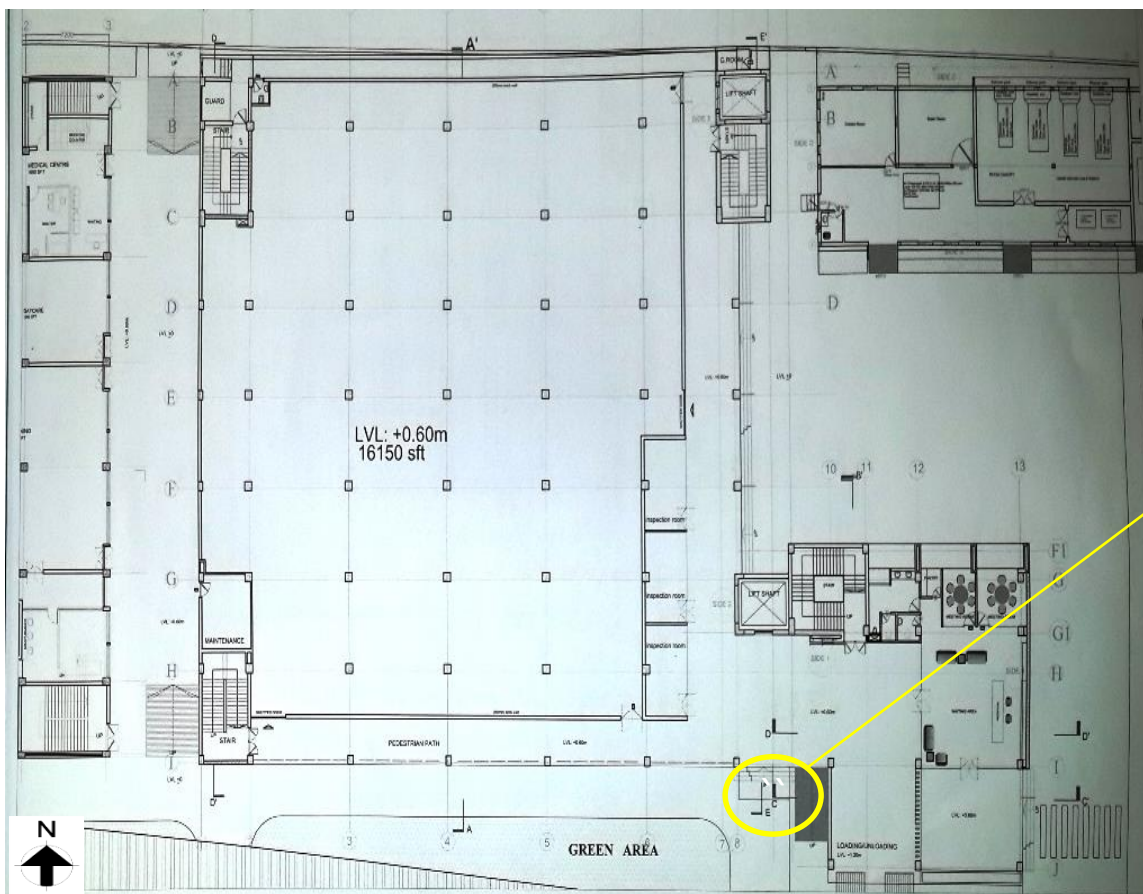
Impact protection not provided to columns at loading –unloading area. Columns are susceptible to impact loading from vehicles.

Observation – New Building



Undocumented steel canopy beside loading/unloading area

Observations: New Building



Architectural Drawing of Ground floor



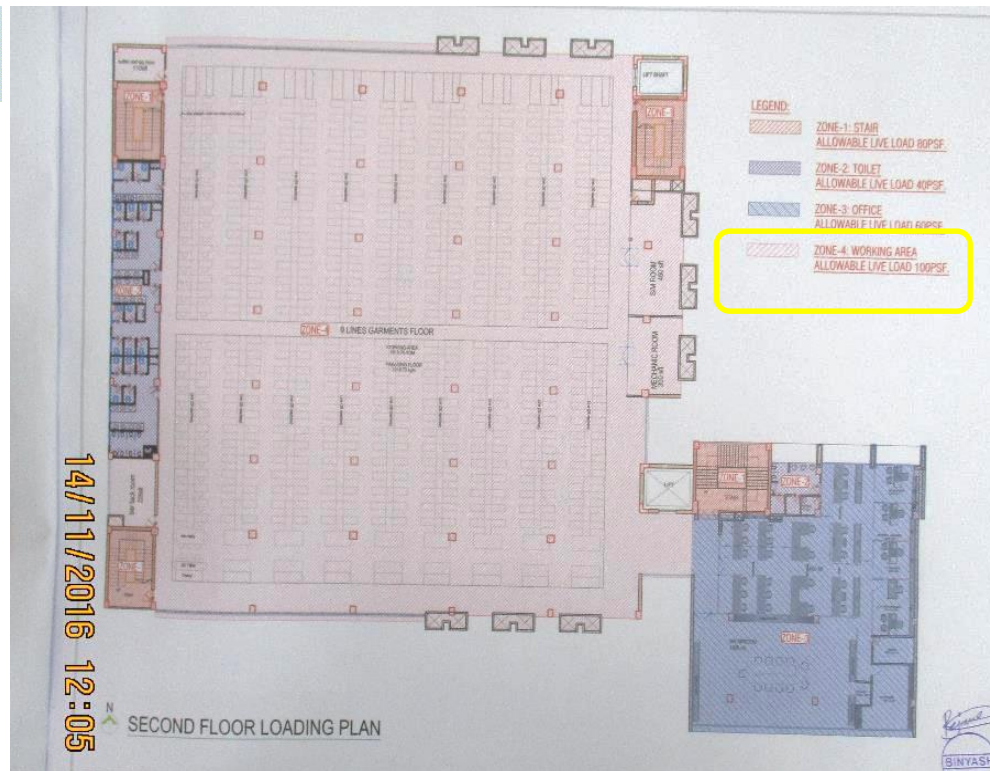
Undocumented steel canopy observed in ground floor south side beside loading/unloading area.

Observation – New Building



Prepared load plan required to be verified

Observations: New Building



Factory is required to maintain the floor live load 2kpa until further verification by design engineer.



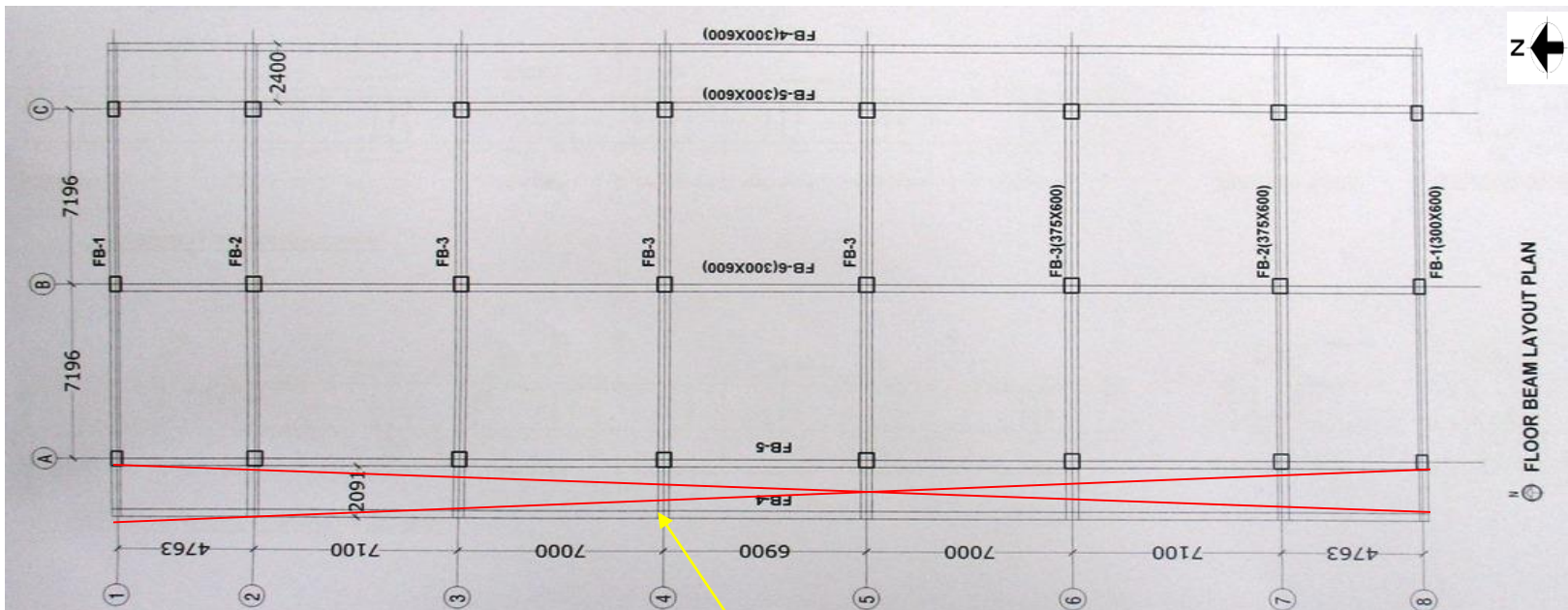
During inspection no over loading was observed and FOS calculation for internal column was found satisfactory considering 2kpa allowable floor live loading.

Observation – New Building



Discrepancies between Structural drawing and on-site condition

Observations: Facility Building



Beam layout of facility building



Cantilever beam missing at west side
(2nd to 4th floor)

Structural drawing shows
cantilever beam at east & west
side on every floor but
cantilever beam missing at west
side in 2nd, 3rd & 4th floor.

Observation – Facility Building



Problems Observed

New Building:

Item-1: Columns susceptible to vehicle impact

Item-2: Undocumented steel canopy beside loading/unloading area

Item-3: Prepared load plan required to be verified

Facility Building:

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



Item No.	Observation	Recommended Action Plan	Recommended Timeline
1	Columns susceptible to vehicle impact	Install a barrier to prevent vehicle impact in column.	6-weeks
2	Undocumented steel canopy beside loading/unloading area	Building Engineer to update as-built drawing according to actual condition.	6-weeks
3	Prepared load plan required to be verified	Maintain 2 Kpa load on all floors.	6-weeks
4	Prepared load plan required to be verified	Produce and actively manage a loading plan for all floor plates within the factory giving consideration to floor capacity and column capacity if loading above 2kpa is considered.	6-weeks
5	Prepared load plan required to be verified	Continue to implement load plan.	6-months
6	Discrepancies between Structural drawing and on-site condition.	Building Engineer to prepare accurate as-built structural drawing.	6-weeks