

Fame Apparels Ltd.

Plot # B- 188, 189, 210,211 BSCIC Hosiery Shilpanagary, Fatulah, Narayanganj, Bangladesh
(23.626406, 90.481306)

26th December 2016





Observations



Discrepancies between provided drawings and on site condition

Observations: Factory Building



Cantilever beam at north



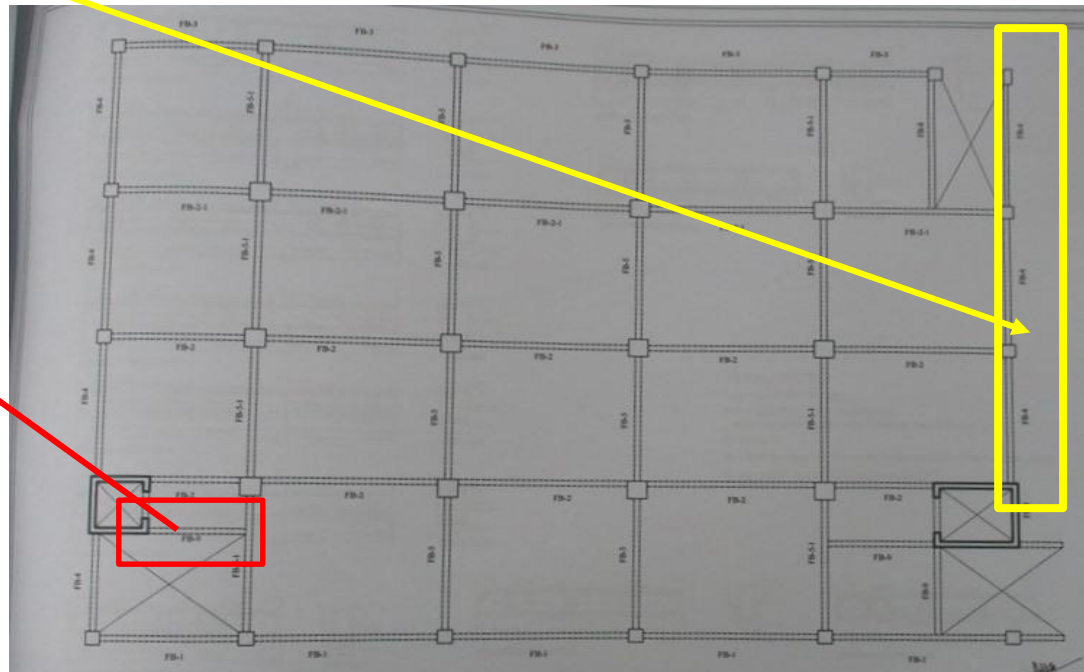
No sub beam at lift core (south)



Mezzanine floor

As built architectural drawings were not prepared. As built structural drawings are not fully matched with as built condition.

Cantilever beam at north side not shown in drawings and near south lift core a sub beam shown in as built structural drawings which does not exist. Also mezzanine floor at GF not fully updated in structural drawings.



Beam Layout from as built structural drawing

Observations: Factory Building



Opening in slab and damaged beam found at 9th floor

Observations: Factory Building

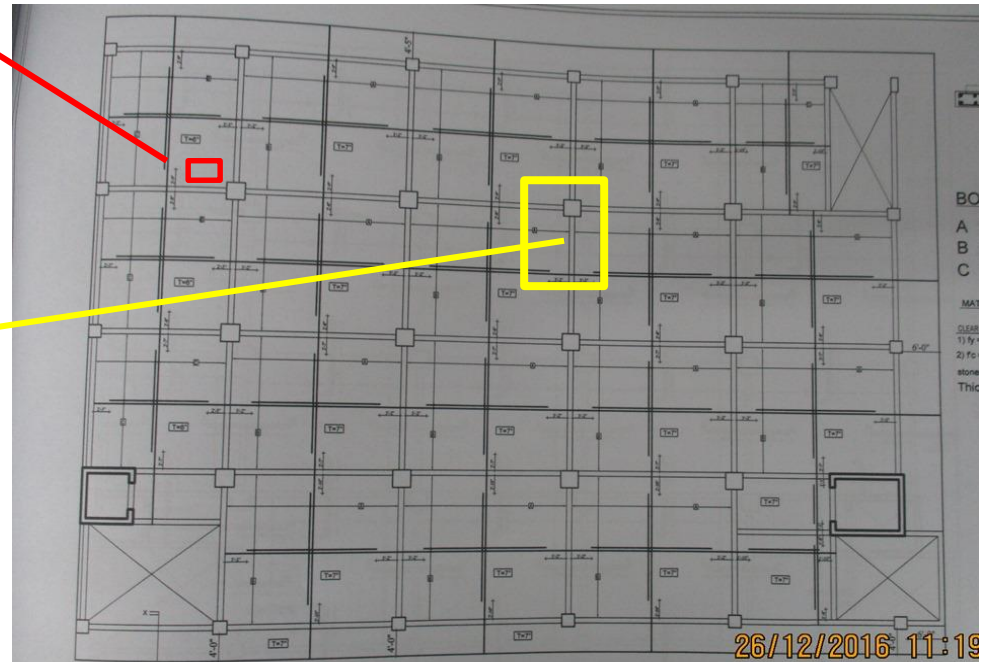


Opening in slab at 9th floor



Damaged Beam at 9th floor

Opening found on 9th floor roof slab which is not shown in structural drawing. A beam at same floor was found damaged due to installed hydrant pipe.



Slab details

Observations: Factory Building



No water proofing at roof

Observations: Factory Building



During inspection roof top was under construction and no water proofing was observed at roof level.

Observations: Factory Building



No edge protection at roof top

Observations: Factory Building



There was no edge protection at roof top.

Observations: Factory Building



Problems Observed

Factory Building

- Item 1: Discrepancies between provided drawings and on site condition
- Item 2: Opening in slab and damaged beam found at 9th floor
- Item 3: No water proofing at roof
- Item 4: No edge protection at roof top



Item No.	Observation	Recommended Action Plan	Recommended Timeline
1	Discrepancies between provided drawings and on site condition	Building Engineer to survey as constructed building and prepare a set of as-built drawings.	6-weeks
2	Opening in slab and damaged beam found at 9th floor	Factory engineer to investigate damaged beam & the slab opening.	6-weeks
3	Opening in slab and damaged beam found at 9th floor	Provide slab and beam adequacy check.	6-weeks
4	Opening in slab and damaged beam found at 9th floor	Remedial works to be carried out if required.	6-months
5	No water proofing at roof	Waterproofing on the roof slab is to be applied. Moreover the roof slab drainage system should be investigated and improved.	6-weeks
6	No edge protection at roof top	Secure constructed area around the perimeter wall to exclude any possible falling hazard.	Immediate - Now