



Romo Fashion Today Ltd. (Extension 2)

Vannera Road, Mouchak, Kaliakoir, Gazipur

(24.030214, 90.298431)

30th January 2019



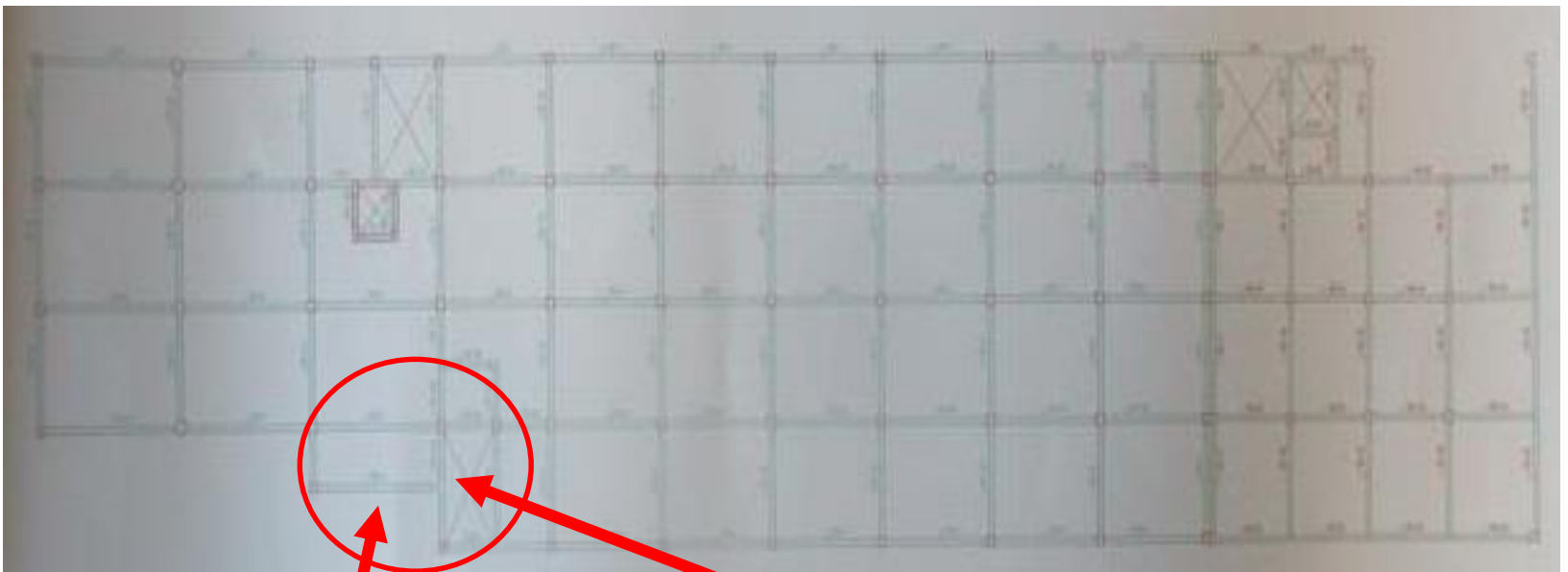


Observations



**Columns appeared to be stressed in excess
of normal design limit**

Observation: Main Production Building



Cursory calculation indicates that highlighted columns appear to be stressed above normal design limit.



Toilet zone



Toilet build up



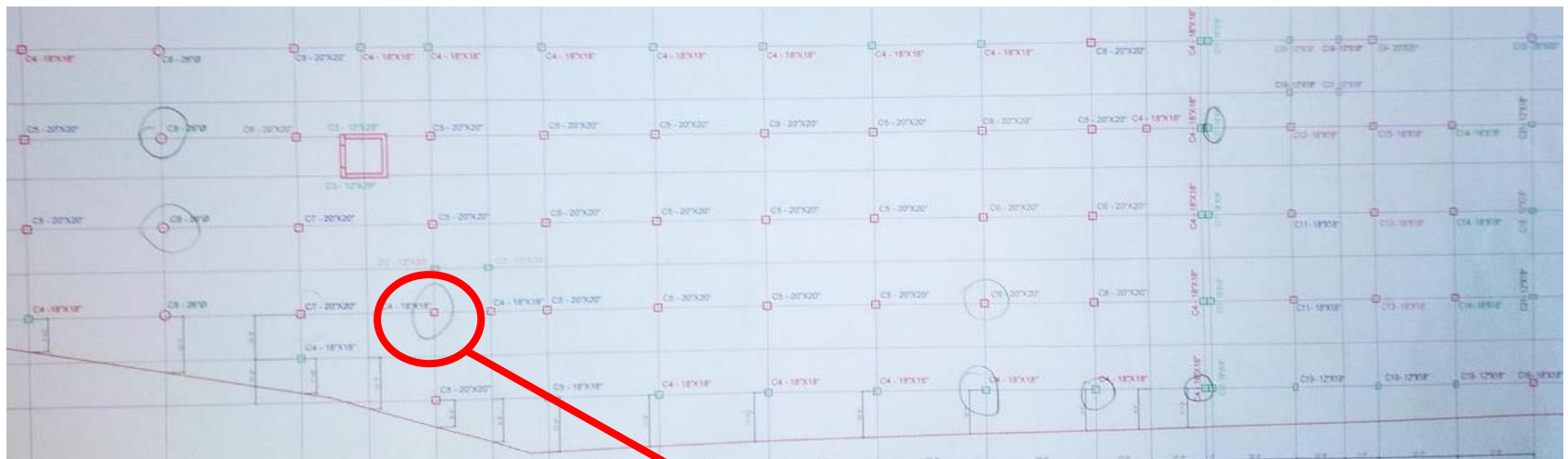
Water reservoir

Observation: Main Production Building



Discrepancy in as-built drawing

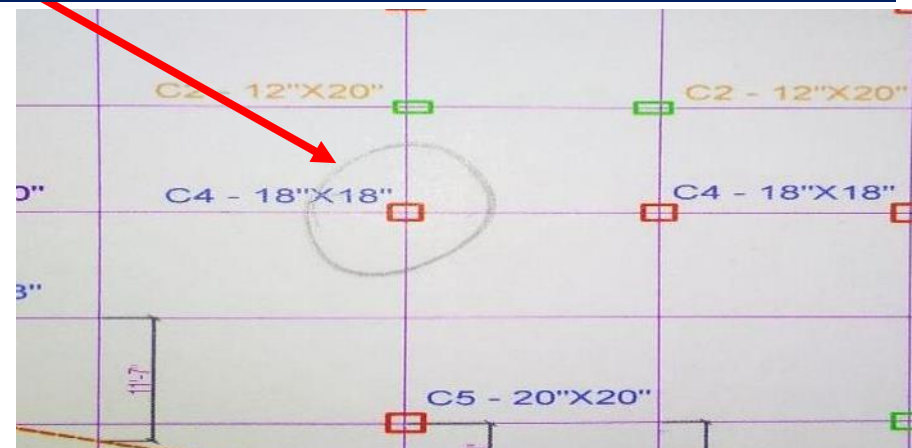
Observation: Main Production Building



Column layout plan

C3	02	15" X 32"	12" X 29"	
C4	20	24" X 24"	21" X 21"	
C5	20	23" X 23"	20" X 20"	

column Schedule.



C4 column dimension was measured to 18"x18" (450mm x 450mm) on site which was mentioned in column layout plan. But it was shown 21"x21" (525mm x 525mm) in column schedule.

Observation: Main Production Building



Construction material on roof

Observation: Main Production Building



Construction material was found on roof floor

Observation: Main Production Building

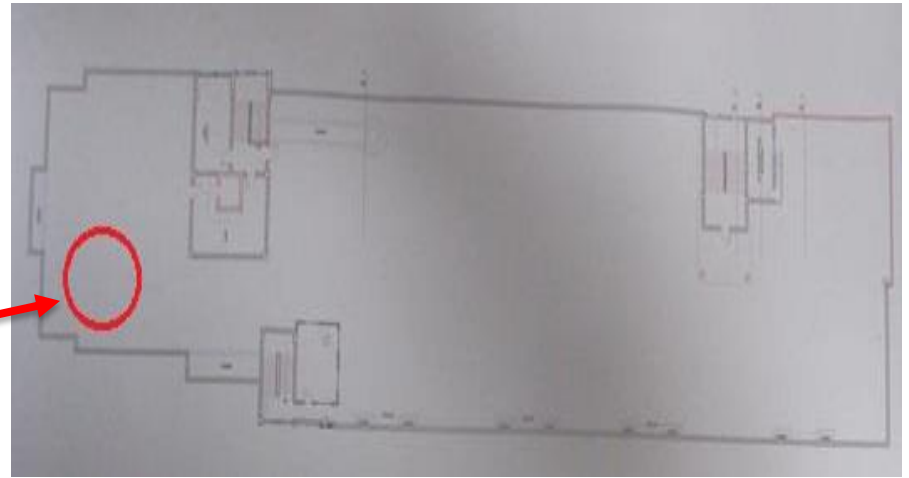


Undocumented telecommunication tower on roof of Main Building

Observation: Main Production Building



Undocumented telecommunication tower was observed on the roof.



A telecommunication tower observed on the roof which was not shown in as built drawing

Observation: Main Production Building



Boiler & Compressor Building



Construction material on roof

Observation: Boiler & Compressor Building



Construction material was found in the roof and 1st floor.

Observation: Boiler & Compressor Building



Falling hazard

Observation: Boiler & Compressor Building



Roof level



1st Level near stair

No barrier found on roof level and 1st floor stair zone which is prone to falling hazard

Observation: Boiler & Compressor Building



Problems Observed

Main Production Building

- Item 1: Columns appeared to be stressed in excess of normal design limit
- Item 2: Discrepancy in as-built drawing
- Item 3: Construction material on the roof
- Item 4: Undocumented telecommunication tower on roof

Boiler & Compressor Building

- Item 5: Construction material on the roof
- Item 6: Falling hazard



Priority Actions



Item No.	Observation	Recommended Action Plan	Recommended Timeline
1	(Main Production Building) Columns appeared to be stressed in excess of normal design limits	Factory Engineer to review design, loads and columns stresses of the building columns.	Immediate - Now
2	(Main Production Building) Columns appeared to be stressed in excess of normal design limits	Verify insitu concrete strengths by taking 100mm diameter cores from minimum of 4 columns (lower tier).	Immediate - Now
3	(Main Production Building) Columns appeared to be stressed in excess of normal design limits	An Engineering Assessment to be commenced.	Immediate - Now
4	(Main Production Building) Columns appeared to be stressed in excess of normal design limits	Produce and actively manage a loading plan for all floor plates within the factory giving consideration to floor capacity and column capacity.	6-weeks
5	(Main Production Building) Columns appeared to be stressed in excess of normal design limits	Engineering Assessment to be completed.	6-weeks
6	(Main Production Building) Columns appeared to be stressed in excess of normal design limits	Make structural alterations as per the recommendation of engineering assessment.	6-months
7	(Main Production Building) Columns appeared to be stressed in excess of normal design limits	Continue to implement load plan.	6-months



Item No.	Observation	Recommended Action Plan	Recommended Timeline
8	(Main Production Building) Discrepancy in as-built drawing	Building engineer to survey the building and produce as-built documentation reflecting as constructed condition.	6-weeks
9	(Main Production Building) Construction material on the roof	Remove all storage from roof.	6-weeks
10	(Main Production Building) Undocumented telecommunication tower on roof of Main Building	Building Engineer to assess the telecommunication tower regarding Engineering robustness and stability.	6-weeks
11	(Main Production Building) Undocumented telecommunication tower on roof of Main Building	Carry out remedial works arise from Engineering Assessment where necessary.	6-months
12	(Boiler & Compressor Building) Construction material on the roof	Remove all storage from roof.	6-weeks
13	(Boiler & Compressor Building) Falling hazard	Provide periphery railing/parapet wall to avoid possible falling hazard.	Immediate - Now