



Risingtex Fashion Ltd.

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(23.887955N, 90.297218E)
8th January 2019





Observations



Lateral stability of Main Production Shed



Vertical bracings were designed as stability system against lateral loading. But no compression strut was observed in long direction. Moreover, vertical bracings were found missing and existing bracings were loose in several locations. Also, connection details were not provided in structural drawing.



Loose bracing



Loose bracing



Missing vertical bracings



Significant gaps and missing bolts at several connections

Observation: Main Production Shed



Bolts missing in several location



Existence of significant gap at connections

Significant gaps and bolts missing were observed at several connections. Building engineer is required to carry out suitable remedial works.



Lack of information and mismatch in provided drawings



Channel sizes of rafter of canteen shed was found (100 x 50 x 4) mm instead of (75x37x5) mm.

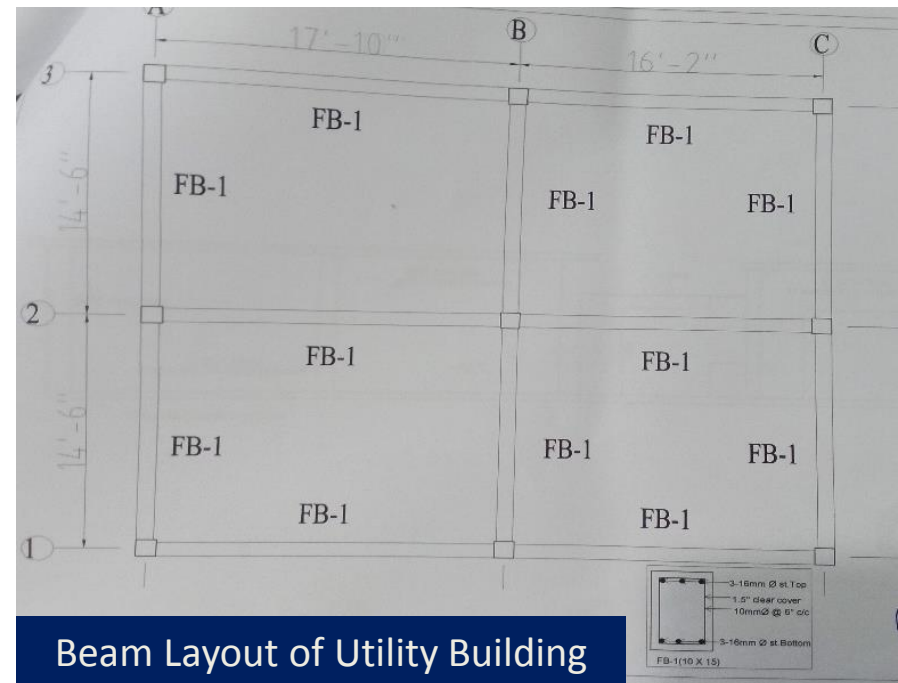


Canteen Shed



Structural drawings were not available for Childcare & Medical building.

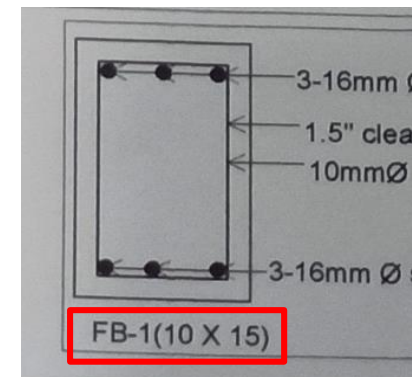
Beam sizes did not match with drawings of Utility Building. Depth of beam was found 250 mm (10 inches) instead of 375 mm (15 inches).



Beam Layout of Utility Building



Beam





Problem Observed

Main Production Shed:

1. Lateral stability of Main Production Shed.
2. Significant gaps and missing bolts at several connections.

Ancillary Buildings:

3. Lack of information and mismatch in provided drawings.



Item No.	Observation	Recommended Action Plan	Recommended Timeline
1	Lateral stability of Main Production Shed	Factory engineer require to check stability system against lateral loading.	6-weeks
2	Lateral stability of Main Production Shed	Install bracings as per provided drawing and tighten the loose bracings.	6-weeks
3	Lateral stability of Main Production Shed	Carry out remedial works as per recommendation of engineering assessment report.	6-months
4	Significant gaps and missing bolts at several connections	Identify all the locations of missing bolts & gaps and carry out suitable repair works where necessary.	6-weeks
5	Lack of information and mismatch in provided drawings	Building Engineer to survey the ancillary structures and prepare accurate as-built drawing documents with connection details.	6-weeks