



Sirajgonj Fashions Limited (UNIT 02)

101/1/A, Barabagh, Mirpur-2, Dhaka-1216

(23.803465N, 90.364562E)

28th August 2017



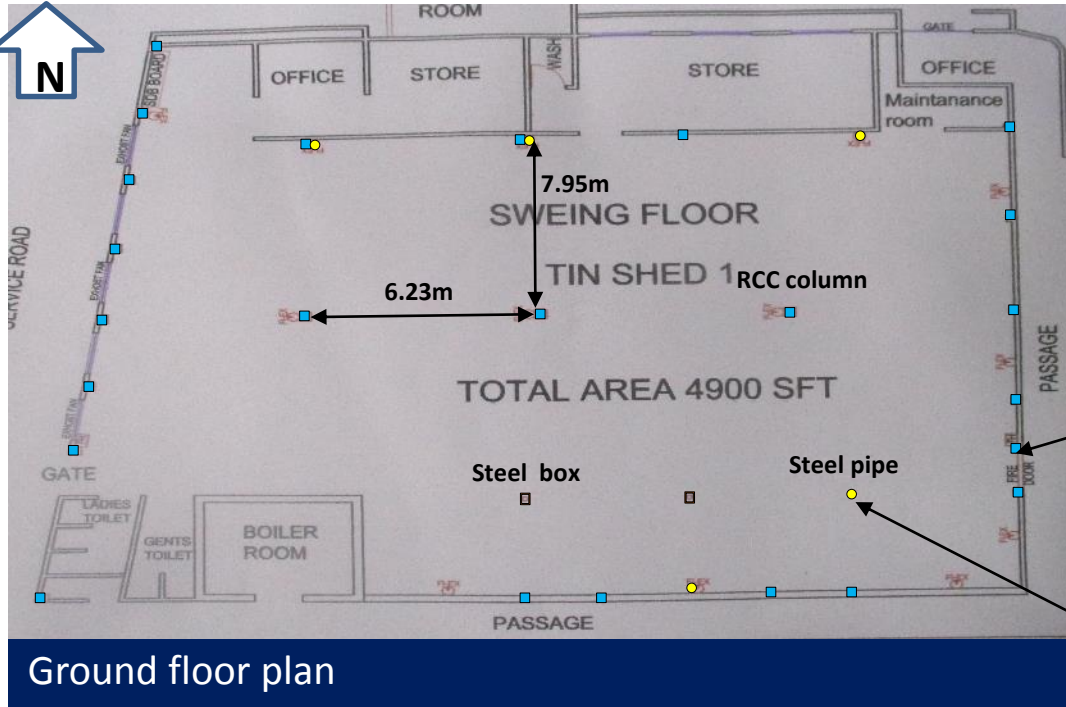


Observations



Missing information in provided drawing

Observations: Sewing, Cutting and Generator shed



Ground floor plan

The lightweight shed was supported by truss and steel pipes. But details of framing and connection was not available in provided drawing.



Steel roof truss

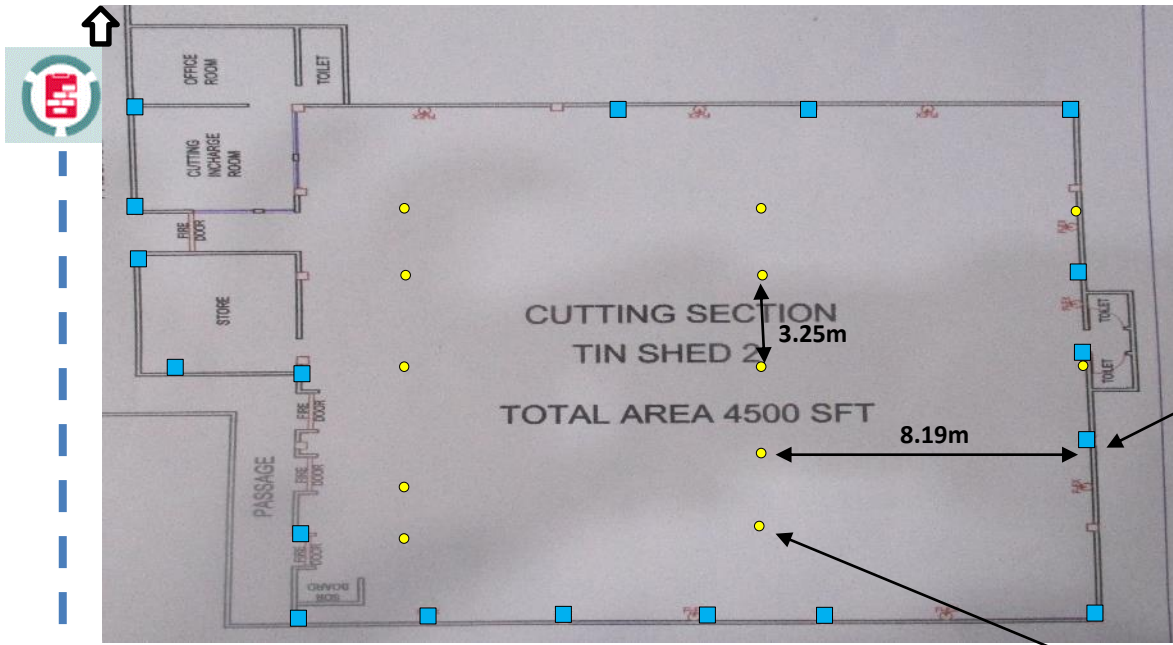


Peripheral RC column



Steel pipe column

Observations: (Sewing shed)



Ground floor plan

The lightweight shed was supported by truss and steel pipes. But details of framing and connection was not available in provided drawing.



Steel truss frame



Peripheral RC column



Steel pipe column

Observations: (Cutting shed)



Steel truss frame of Sewing Shed



No connection detail was found in drawing. All members were connected by welding joint.



Steel truss frame of Cutting Shed



No connection detail was found in drawing. All members were connected by welding joint.

The connections of the truss & steel pipe are apparently non-engineered and the foundation type of the columns are not clear. Factory engineer to be checked the stability of the structures against uplift forces arise from lateral loading.

Observations: (Sewing shed and Cutting shed)



Lack of as-built documentation

Observations: Generator shed



Roof system of the Generator shed



Connection between steel angle and RC column was not clear

No detail drawing of the shed was found. Moreover, no defined stability system was observed during inspection.

Factory engineer to survey the building and prepare the as-built documentations.
Stability of lightweight steel shed to be checked for uplift forces.



Priority Actions



Problems Observed:

Sewing and Cutting sheds

Item 1: Missing information in provided drawing

Generator shed

Item 2: Lack of as-built documentation



Item No.	Observation	Recommended Action Plan	Recommended Timeline
1	Missing information in provided drawing	Building engineer to survey the whole building and produce as-built documentation including foundation detail reflecting the as constructed condition.	6-weeks
2	Missing information in provided drawing	Building engineer to check the connections & stability system of the building against lateral load.	6-weeks
3	Missing information in provided drawing	Carry out remedial works resulting from engineering assessment where necessary.	6-months
4	Lack of as-built documentation	Building engineer to survey the whole building and produce as-built documentation reflecting the as constructed condition.	6-weeks
5	Lack of as-built documentation	Building engineer to check the stability of lightweight steel shed for uplift forces.	6-weeks
6	Lack of as-built documentation	Carry out remedial works resulting from engineering assessment where necessary.	6-months