

APPAREL PROMOTERS LTD.

Nasirabad, Rubi gate, Baizid Bostami Road, Chittagong, Bangladesh
(22.377522N, 91.815487E)

02nd Oct 2016





Observation



Lack of lateral stability of all single storey steel sheds



Weak connection between column & truss



Poor construction



Weak support of truss



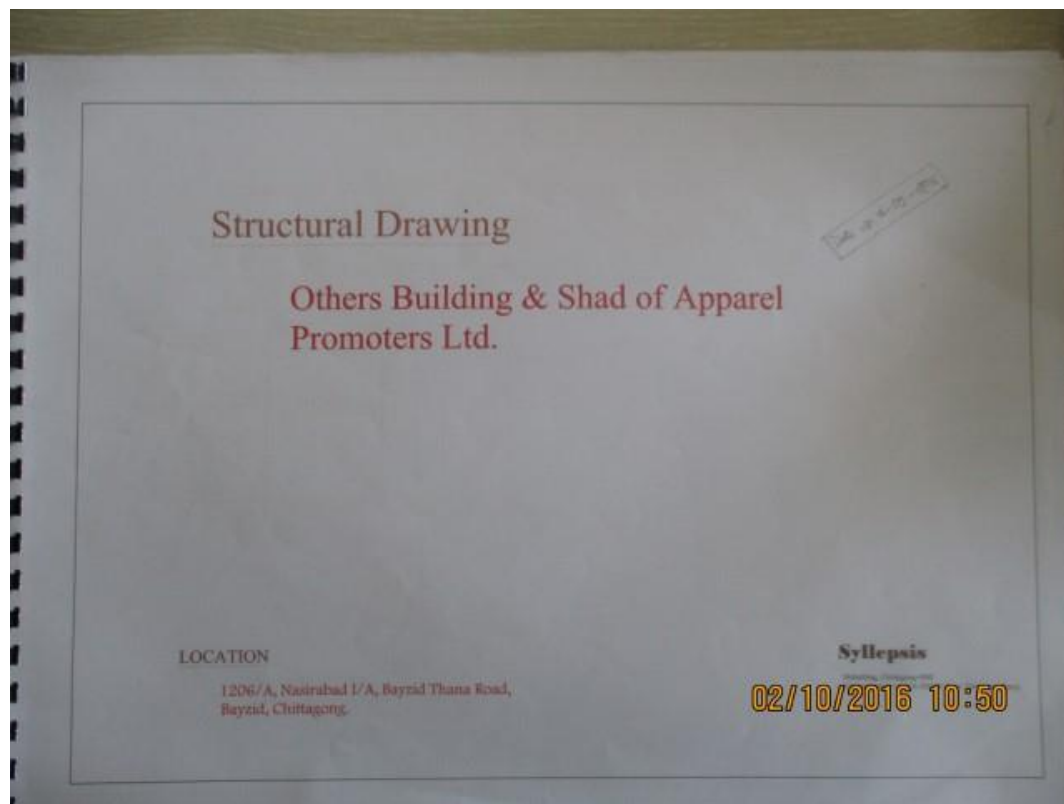
No bracing observed

Lack of lateral stability due to poor connection detail and lack of bracing. The sheds are required to analysis of their stability system.

Observation:



Lack of as-built documents of Single storied buildings and sheds



Factory provided only structural drawing of the single storey building & shed though the drawing was incomplete . Also no architectural drawing was available.

Observation:



Water ponding on roof level of Main building & Building-2



Water ponding observed under water tank on Main building roof top.



Water ponding also observed on roof top of Building-2 .

Observation:



Non engineered steel shed on roof top of Building-2



Apparently non engineered steel shed on stair case. The support connection is not cleared.

Observation:



Problems Observe

- **Item 1: Apparently weak of lateral stability of all single storey steel sheds**
- **Item 2: Lack of as-built documents of all Single storey buildings and sheds**
- **Item 3: Water ponding on roof level of Main building & Building-2**
- **Item 4: Non engineered steel shed on roof top of Building -2**



Item No.	Observation	Recommended Action Plan	Recommended Timeline
1	Lack of lateral stability of single storey steel sheds	Building engineer to check the lateral stability of single storey steel sheds.	6-weeks
2	Lack of lateral stability of single storey steel sheds	Carry out remedial works resulting from Engineering Assessment.	6-months
3	Lack of as-built documents of all Single storey buildings and sheds	Building engineer to produce as built drawing for the Single storey buildings and Sheds.	6-weeks
4	Water ponding on roof level of Main building & Building-2	Provide proper drainage and water proofing layer with appropriate water proofing materials.	6-weeks
5	Non engineered steel shed on roof top of Building -2	Building engineer to check the lateral stability of single storey steel sheds.	6-weeks
6	Non engineered steel shed on roof top of Building -2	Carry out remedial works resulting from Engineering Assessment.	6-months