

Blue Planet Knitwear Ltd. (Extension)

Mulaid,Tengra,Mawna, Sreepur, Gazipur
(23.8972559240, 90.431362578)
28 March 2023



Building Information

1. Inspection shed is a single storied (G) pre-fabricated steel shed.
2. Dinning Warehouse is a single storied (G) pre-fabricated steel shed.
3. Fire pump room is a single storied (G) pre-fabricated steel shed.
4. Wastage shed is a single storied (G) steel shed.

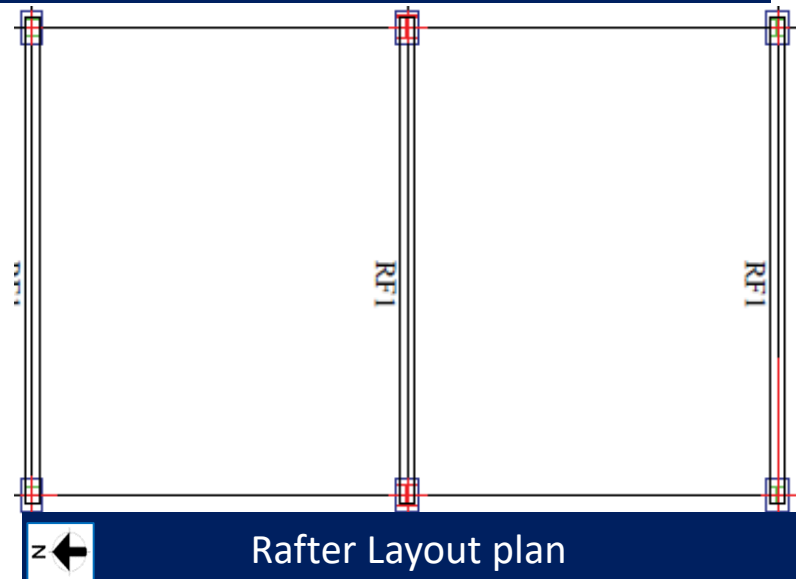
Observations

Absence of bracing system



Absence of horizontal and vertical bracing at Inspection shed.

Building engineer is required review the stability system and suggest horizontal and vertical bracing of the shed.



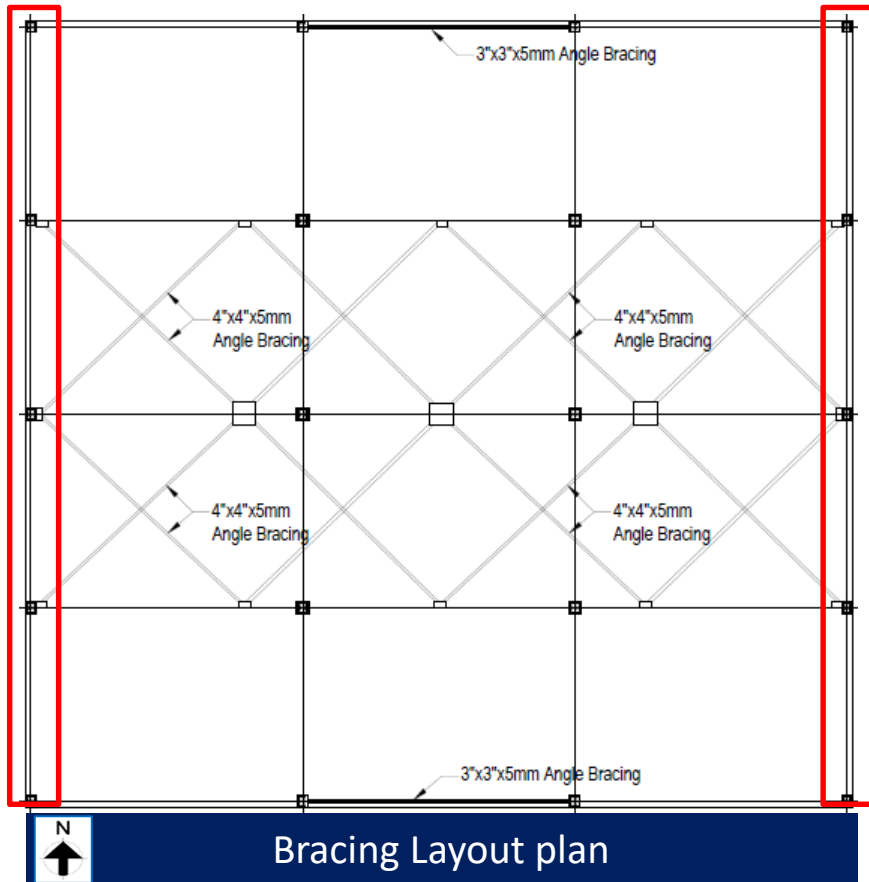


Absence of vertical bracing at Fire pump shed.

Building engineer is required review the stability system and suggest horizontal and vertical bracing of the shed.

Lack of lateral stability system

Observation: Dinning warehouse



Absence vertical bracing along out of plane of portal frame in north-south direction of the shed.

Building engineer is required to check the lateral stability system of the shed and suggest the necessary vertical bracing where required.

Corrosion on steel member

**Observation: Inspection shed, Dinning warehouse and Fire
pump room**



Corrosion (Inspection shed)



Corrosion (Dinning ware house)



Corrosion (Fire pump room)

Corrosion was observed on steel column at toilet area of all sheds. The factory is required to remove the rust and apply suitable anti-corrosive coating on the steel members.

Observation: Inspection shed, Dinning warehouse and Fire pump room

Non-engineered wastage shed

Observation: Wastage Shed



Non engineered wastage shed observed. Building engineer is required to replace the non engineered shed.

Observation: Wastage Shed

Priority Actions

Problems Observed

Item 1: Absence of bracing system. (Inspection shed & Fire pump room)

Item 2: Lack of lateral stability system. (Dinning Warehouse)

Item 3: Corrosion on steel member. (Inspection shed, Dinning Warehouse and Fire pump room)

Item 4: Non-engineered wastage shed.

Item No.	Observation	Recommended Action Plan	Recommended Timeline
01	Absence of bracings. (Inspection shed, Fire pump room).	Building engineer is required review the stability system and suggest horizontal and vertical bracing of the shed.	6-weeks
02	Absence of bracings. (Inspection shed, Fire pump room).	Carryout remedial works where required.	6-months
03	Lack of lateral stability system. (Dinning Warehouse).	Building engineer is required to check the lateral stability system and suggest proper remedial actions accordingly.	6-weeks
04	Lack of lateral stability system. (Dinning Warehouse).	Carryout remedial works where required.	6-months
05	Corrosion on steel member. (Inspection shed, Dinning Warehouse and Fire pump room.)	Building engineer is required to remove the rust and apply suitable anti-corrosive coating on the steel members.	6-weeks

Item No.	Observation	Recommended Action Plan	Recommended Timeline
06	Non-engineered wastage shed.	Building engineer is required to replace the non-engineered wastage shed with engineered structure.	6-months