

# Shipra Fashion Ltd (Extension)

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(24.2930358939, 90.3262014640)

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## Structural Inspection Report

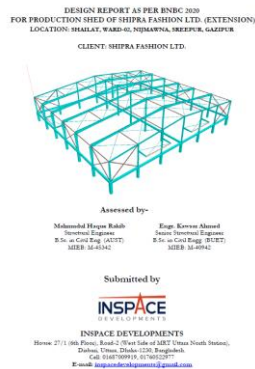


## 1. Building information

- Single storied Production Shed.

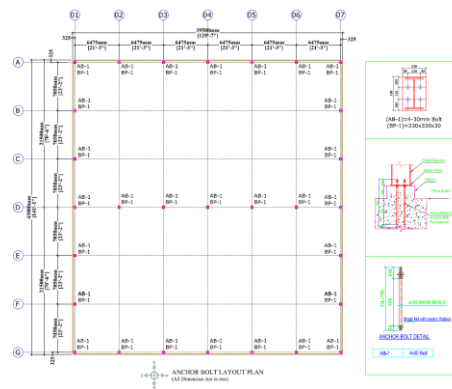
## 2. Observations

### Observation-01: Design report to be checked against lateral loading. (Production Shed)



**Description:** A design report was available at the time of inspection. The building engineer is required to submit the prepared design report to RSC to check the structure against the lateral loading.

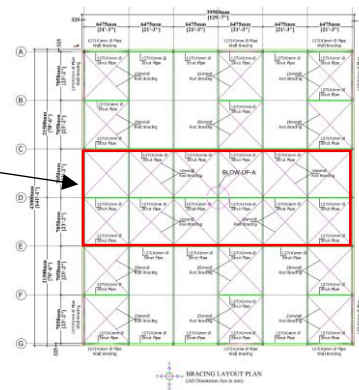
### Observation 02: Mismatch in as-built drawing. (Production Shed)



Base plate



16mm  
rod  
bracing



Roof Bracing

**Description:** During inspection, mismatch was found in steel column base plate size and roof bracing identification.

- Base plate size was found 280 x 200 mm instead of 330 x 230 mm.
- Roof bracing was found 16 mm rod bracing in mid part shown in figure which was not mentioned in drawing.

The building engineer is required to update the drawing and design documents based on the as-constructed structure.

**Observation-03:** Corrosion on steel member. (Production Shed)



**Description:** Corrosion was observed on the steel members at toilet area. The building engineer is required to remove the corrosion with a suitable method and provide anti-corrosive coating.

**Observation-04:** Non-structural element not anchored. (Production Shed)



**Description:** Factory is required to anchor all non-structural elements adequately.

**Observation-05: Loose roof bracing. (Production Shed)**



**Description:** Factory is required to tighten all loose bracing.

### 3. Action Plan

| Observation                                                               | Action Plan                                                                                                                       | Timeline        |
|---------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Design report to be checked against lateral loading.<br>(Production Shed) | The building engineer is required to submit the prepared design report to RSC to check the structure against the lateral loading. | within 6 weeks  |
|                                                                           | Implement remediation work if required.                                                                                           | within 6 months |
| Mismatch in as-built drawing.<br>(Production Shed)                        | The building engineer is required to update the drawing and design documents based on the as-constructed structure.               | within 6 weeks  |
| Corrosion on steel member.<br>(Production Shed)                           | The building engineer is required to remove the corrosion with a suitable method and provide anti-corrosive coating.              | within 6 months |
| Non-structural element not anchored. (Production Shed)                    | Factory is required to anchor all non-structural elements adequately.                                                             | within 6 months |
| Loose roof bracing.<br>(Production Shed)                                  | Factory is required to tighten all loose bracing.                                                                                 | within 6 months |