

Sweatertech Ltd. (Extension 2)

Plot # 898,1351, Gacha Road, Gazipur Sadar, Gazipur-1704

(23.939507, 90.370191)

22 April 2026



1. Building Information

Warehouse Shed, Single Storied Steel Structure
Driver Rest Room (Single Storied Shed)
Wastage Room (Single Storied Shed)
Transformer Control Room (Single Storied RCC Building)
Jute Boiler Room (Single Storied Shed)
ETP (G+1, RCC Building)

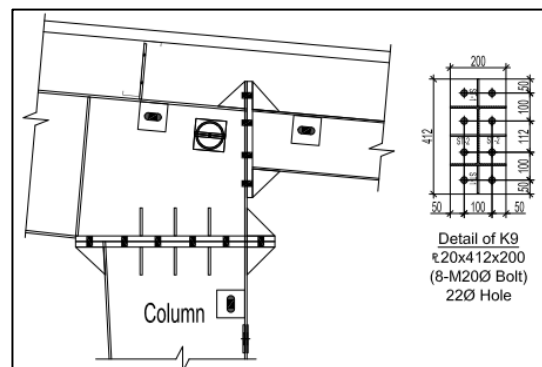
2. Observation

Observation-01: Mismatches in as-built drawing (Warehouse Shed)

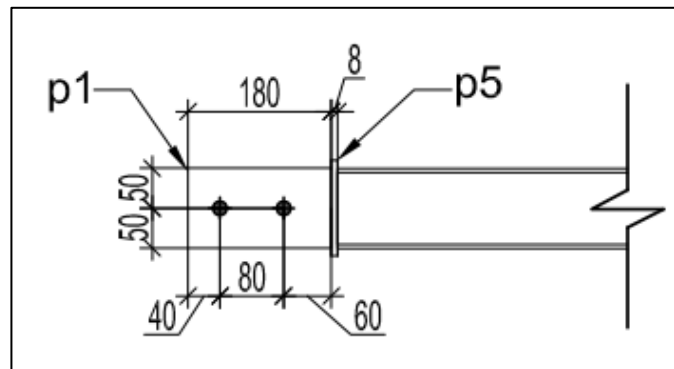


COLUMN TYPE#	Flange	
	bf	tf
SC-101~105,SC-111~120,SC-122~125	200	8
SC-107,110,114,115,115a	200	8
SC-108,109	200	8
SC-116,121,126	200	10

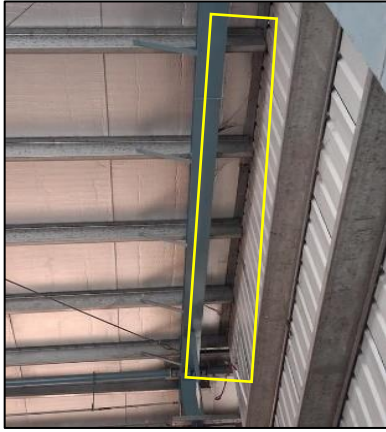
Flange thickness of steel columns were found 7.1 mm instead of 8 & 10 mm



Side face joint found instead of bottom joint at grid I-5



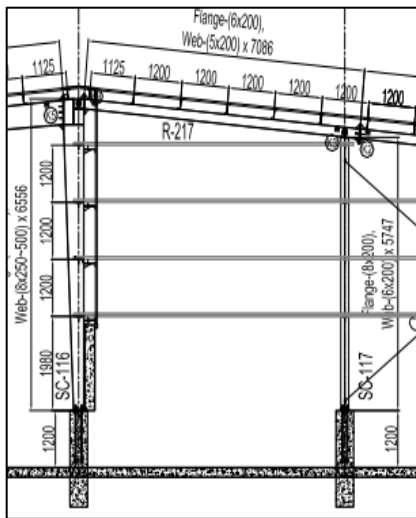
One instead of two bolts in compression strut connection



Flange brace missing at end grid



Flange brace missing adjacent to ridge



Wall girt missing at grid I



Description: During inspection several mismatches including mismatches in connection details & flange thickness of steel columns, missing in flange brace & wall girt were observed.

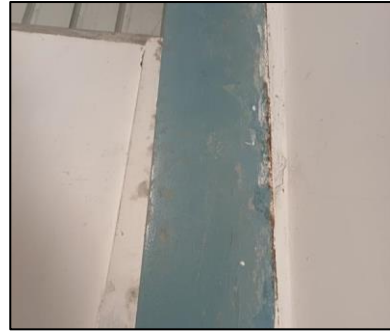
The building engineer is required to survey the structure, update the as-built drawing as per onsite conditions, revise design report accordingly and submit updated design report to RSC.

Observation-02: Significant gap in connection (Warehouse Shed)



Description: Significant gaps were observed at several connections. The building engineer is required to fill the connection gaps using shim plate.

Observation-03: Corrosion of steel members (Warehouse Shed)



Description: Corrosion was observed on steel members at several locations. The building engineer is required to remove rust and apply anti-corrosive paint on steel members.

Observation-04: Loose cable bracing (Warehouse Shed)



Description: Several bracings were found in loose condition. The building engineer is required to tighten the loose bracings.

Observation-05: Lack of as-built drawings (Driver Rest Room, Wastage Room, Transformer Control Room)



Driver Rest Room



Wastage Room



Transformer Control Room

Description: As-built drawing was not available during inspection. The building engineer is required to survey the whole structures and produce as-built drawings.

Observation-06: Poor connection and inadequate member size (Driver Rest Room, Wastage Room, Jute Boiler Room)



Driver Rest Room



Wastage Room



Jute Boiler Room

Description: Inadequate member size and poor connection were observed. The building engineer is required to assess the structures and produce design report following BNBC 2020.

Observation-07: Crack on brick wall (Driver Rest Room, ETP)



Driver Rest Room



ETP

Description: Cracks were found on brick wall. The building engineer is required to investigate the reason & extent of crack and repair with suitable methods.

Observation 08: Falling hazard (ETP).



Description: During inspection, falling hazard was identified at ground level near ETP tank. The factory is required to provide railing to prevent falling.

3. Action Plan

Item No	Observation	Action Plan	Timeline
1.	Mismatches in as-built drawing (Warehouse Shed)	Update the as-built drawing as per onsite conditions	within 6 weeks
2.		Revise design report as per updated as-built drawing	within 6 weeks
3.		Implement remediation work if required.	within 6 months
4.	Significant gap in connection (Warehouse Shed)	The building engineer is required to fill the connection gaps using shim plate.	within 6 weeks
5.	Corrosion of steel members (Warehouse Shed)	The building engineer is required to remove rust and apply anti-corrosive paint on steel members.	within 6 weeks
6.	Loose cable bracing (Warehouse Shed)	The building engineer is required to tighten the loose bracings.	within 6 weeks
7.	Lack of as-built drawings (Driver Rest Room)	The building engineer is required to survey the whole structures and produce as-built drawings.	within 6 weeks
8.	Poor connection and inadequate member size (Driver Rest Room)	The building engineer is required to assess the structures and produce design reports following BNBC 2020.	within 6 weeks
9.	Poor connection and inadequate member size (Driver Rest Room)	Implement remediation work if required.	within 6 months
10.	Lack of as-built drawings (Wastage Room)	The building engineer is required to survey the whole structures and produce as-built drawings.	within 6 weeks
11.	Poor connection and inadequate member size (Wastage Room)	The building engineer is required to assess the structures and produce design reports following BNBC 2020.	within 6 weeks
12.	Poor connection and inadequate member size (Wastage Room)	Implement remediation work if required.	within 6 months
13.	Poor connection and inadequate member size (Jute Boiler Room)	The building engineer is required to assess the structures and produce design reports following BNBC 2020.	within 6 weeks
14.	Poor connection and inadequate member size (Jute Boiler Room)	Implement remediation work if required.	within 6 months
15.	Lack of as-built drawings (Transformer Control Room)	The building engineer is required to survey the whole structures and produce as-built drawings.	within 6 weeks
16.	Crack in brick wall (Driver Rest Room)	The building engineer is required to investigate the reason & extent of crack and repair with suitable methods.	within 6 weeks
17.	Crack in brick wall (ETP)	The building engineer is required to investigate the reason & extent of crack and repair with suitable methods.	within 6 weeks
18.	Falling hazard (ETP).	The factory is required to provide railing to prevent falling.	within 6 weeks