

Siji Garment Co Ltd.

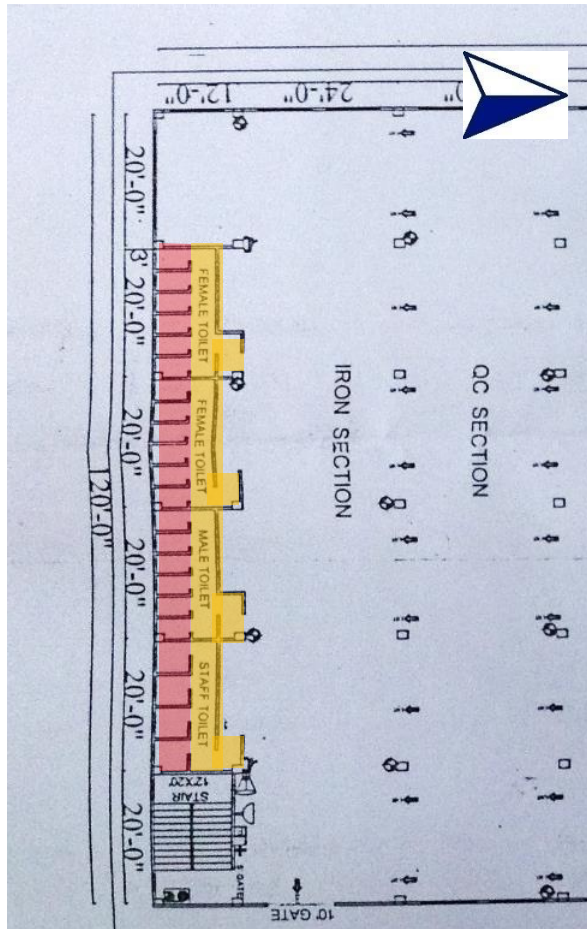
S.A Plot -47, Kewa,Sreepur, Gazipur

(24.212765 N, 90.432027 E)



Observations

Very heavy column loads when building height increased from present



Build-ups in toilets' corridors 65mm

Build-ups in toilets' 230mm (total)



175mm + 65mm build ups observed in the toilet area.

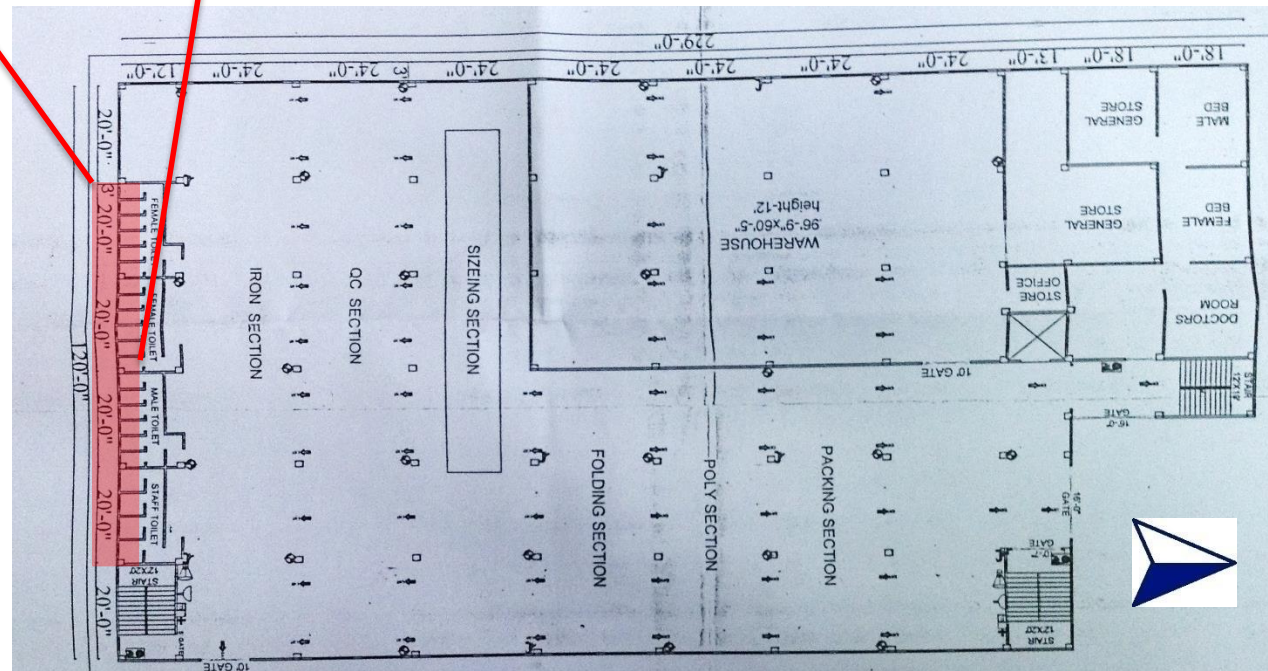
Cracks in the ground floor toilet area



Crack observed in the external brick wall of the toilet area at Ground Floor.



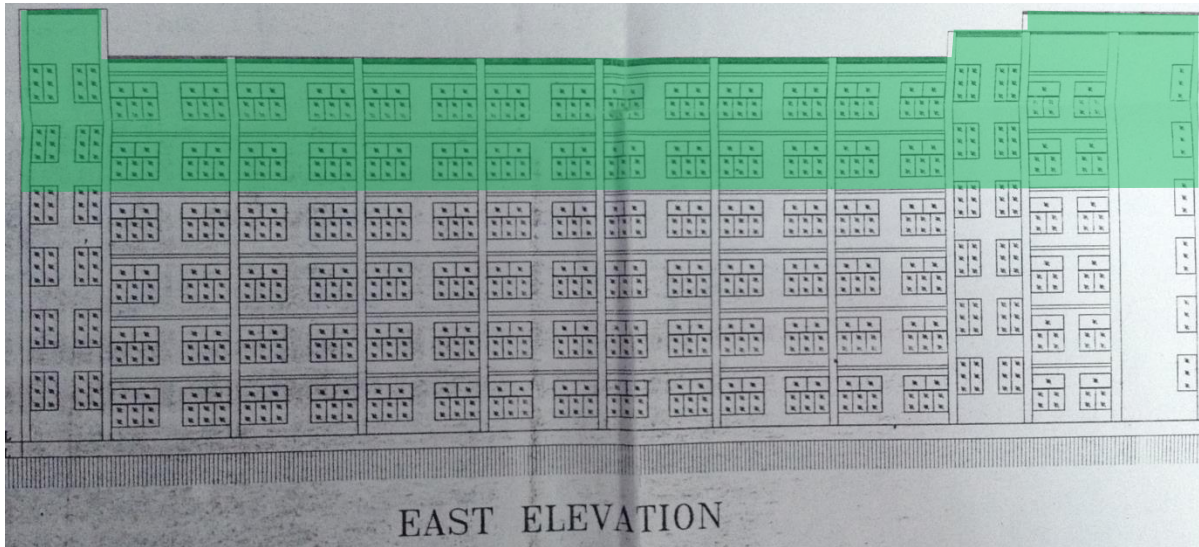
Crack on the partitions are observed in the toilet area .



Toilet area appears to be on own footings at ground floor

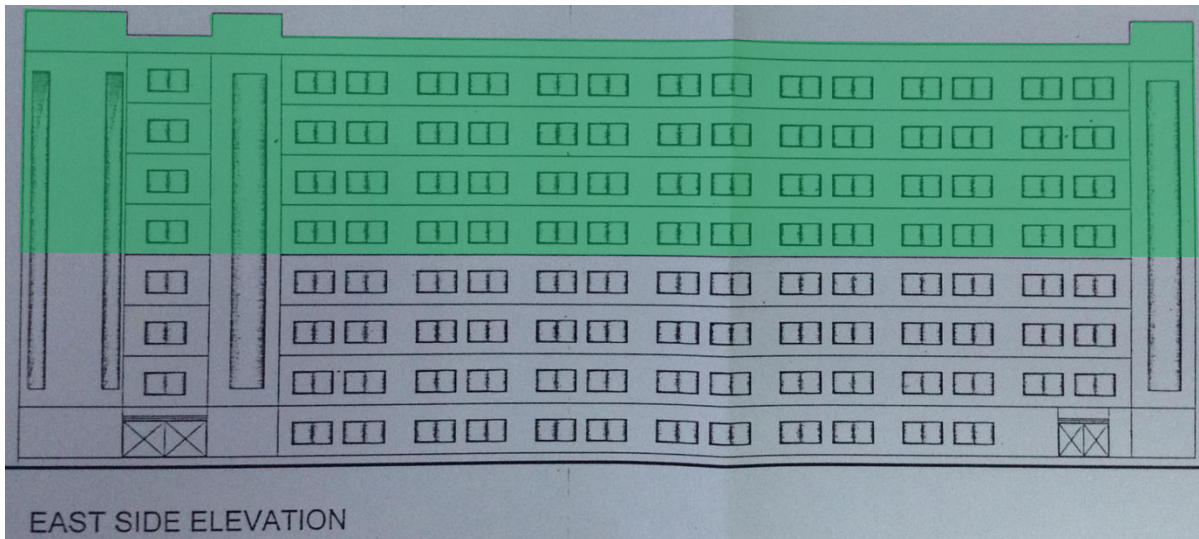
Observation

Discrepancies between permit drawings



Floors to be built

The permit drawing shows 6-storey structure for the Main Building



The industrial permit drawing shows 8-storey structure for the Main Building

Discrepancies between two permit drawings.

Observed Aggregate



Stone aggregate in Building 1



Brick aggregate present in the Buildings No2 & No 3

Two types of aggregate observed.

Priority Actions

Problems Observed

ITEM 1: Very high loads in columns of Building 1 & 3 during completion of full height extensions.

ITEM 2: Cracks in the masonry wall in the toilet zone of Building 1

ITEM 3: Lack of loading plans

Item No.	Observation	Recommended Action Plan	Recommended Timeline
1	Very large loads on columns of Building 1 & 3 after additional floor construction	Factory Engineer to review design , loads and all column stresses and confirm in situ concrete strength by taking 4 No 100mm cores if extension to proceed.	6-weeks
2	Very large loads on columns of Building 1 & 3 after additional floor construction	Upward extension should be put on hold until the completion of the engineering review	6-weeks
3	Very large loads on columns of Building 1 & 3 after additional floor construction	Carry out the recommendations of the review.	6-months
4	Cracks in the masonry wall in the toilet zone Building 1	Factory Engineer to investigate cracks in ground floor toilet masonry wall and review effectiveness of wall foundations.	6-weeks
5	Cracks in the masonry wall in the toilet zone Building 1	Carry out remedial works	6-months
6	Missing loading plans – Building 1, 2 & 3	Factory Engineer to make load plans for each floor based on the column and beam / slab capacity.	6-months
7	Missing loading plans – Building 1, 2 & 3	Comply with loading plan	6-months