Fashionit Company

Dhonald, Earpur, Ashulla, Dhaka
(23.936595, 90.288636)
25 March 2014

ACCORD on Fire and Building Safety in Bangladesh

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Observations

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Water Tanks on Rooftop

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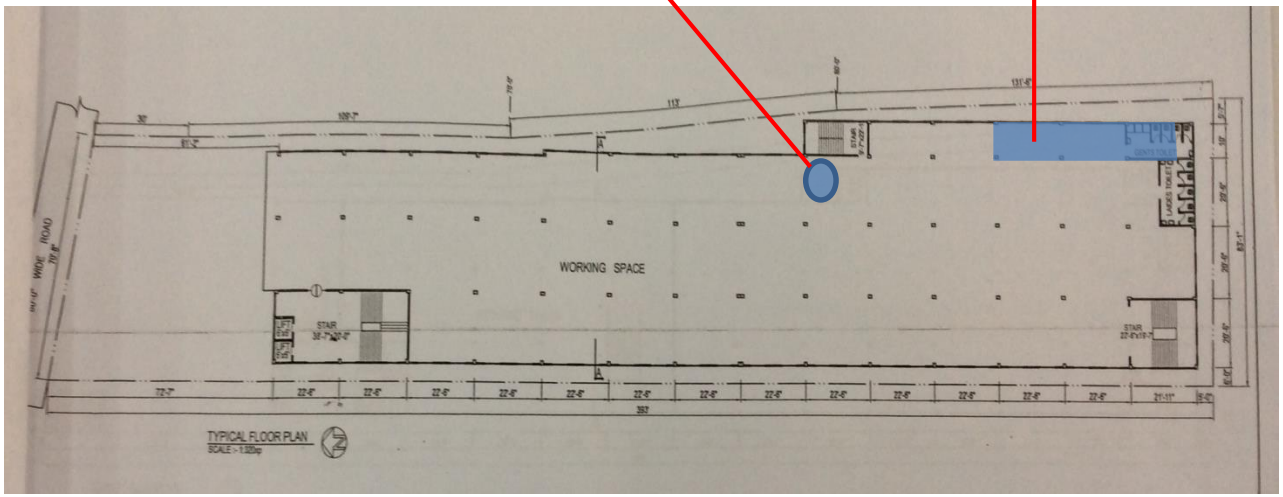

Water tanks on rooftop adding approximately 60 KN load on the column.

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Movement Joint

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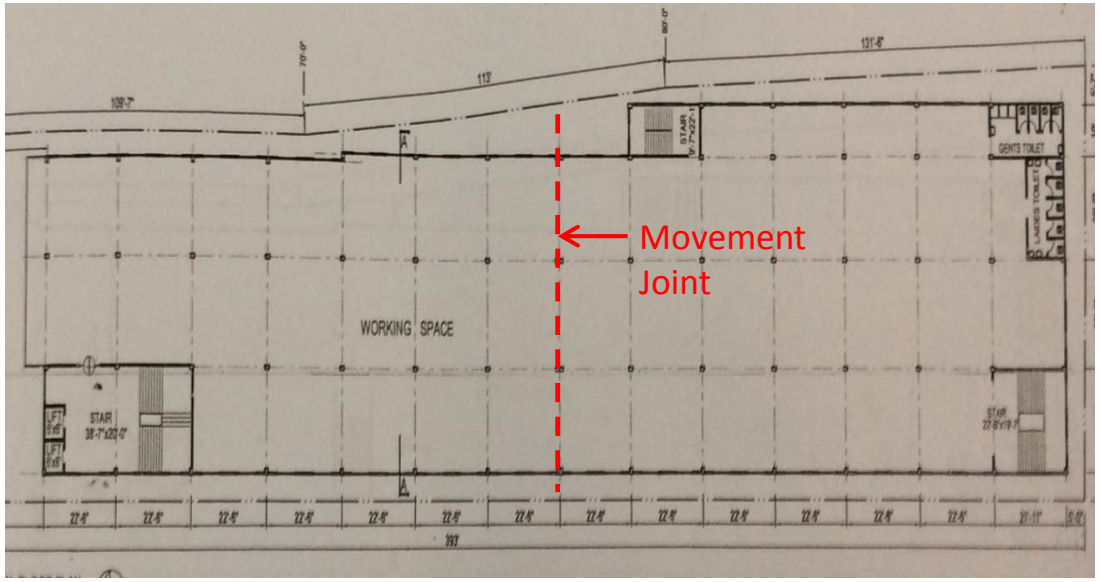

Movement Joint

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Cracks in beams

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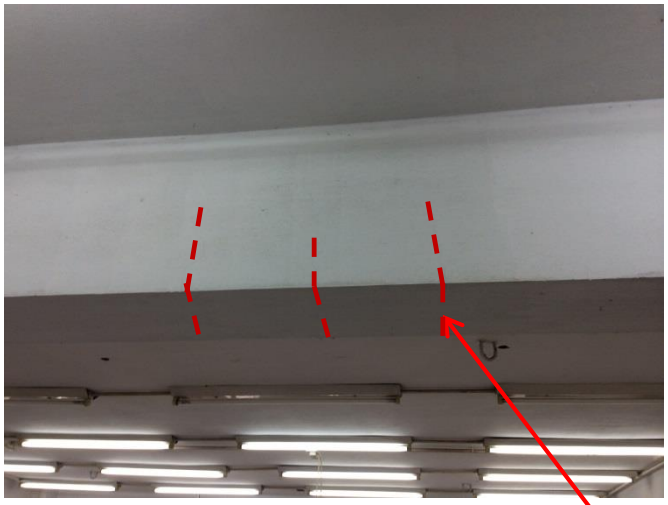
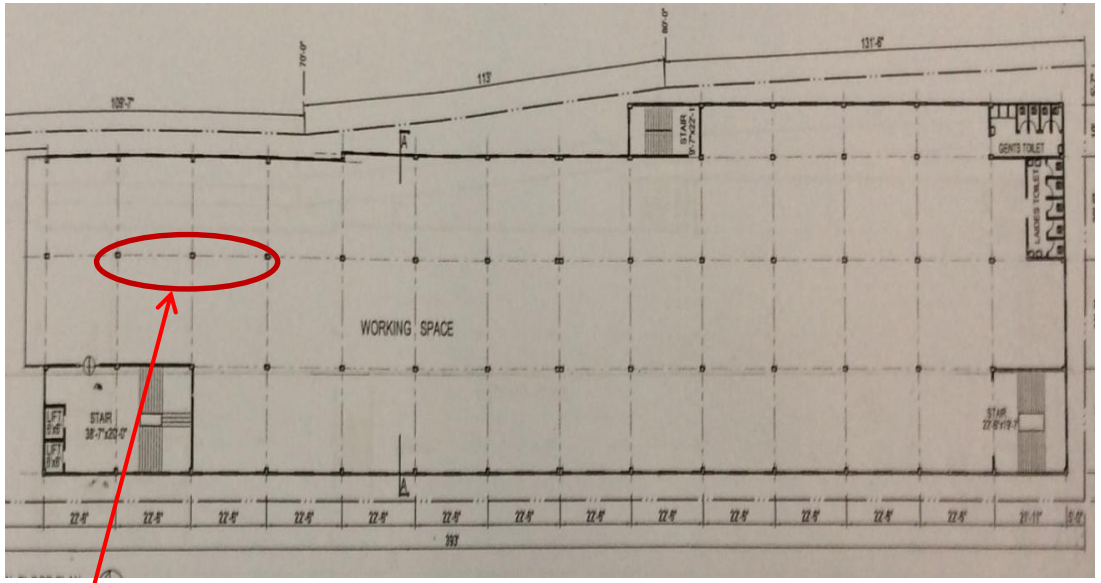
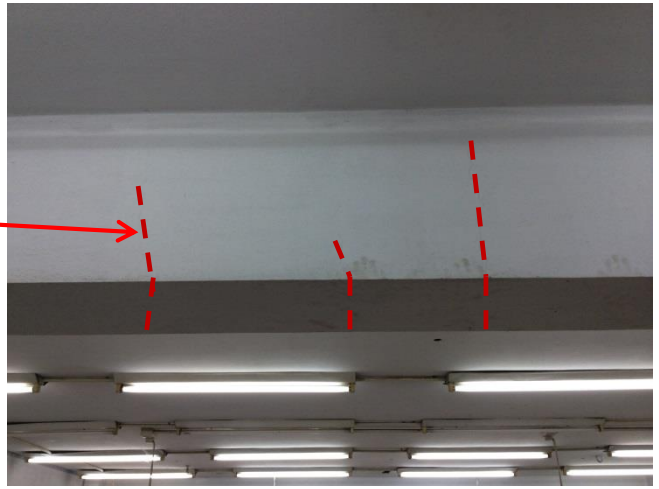




Cracks in the beams 4th floor



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Localised areas of high loading

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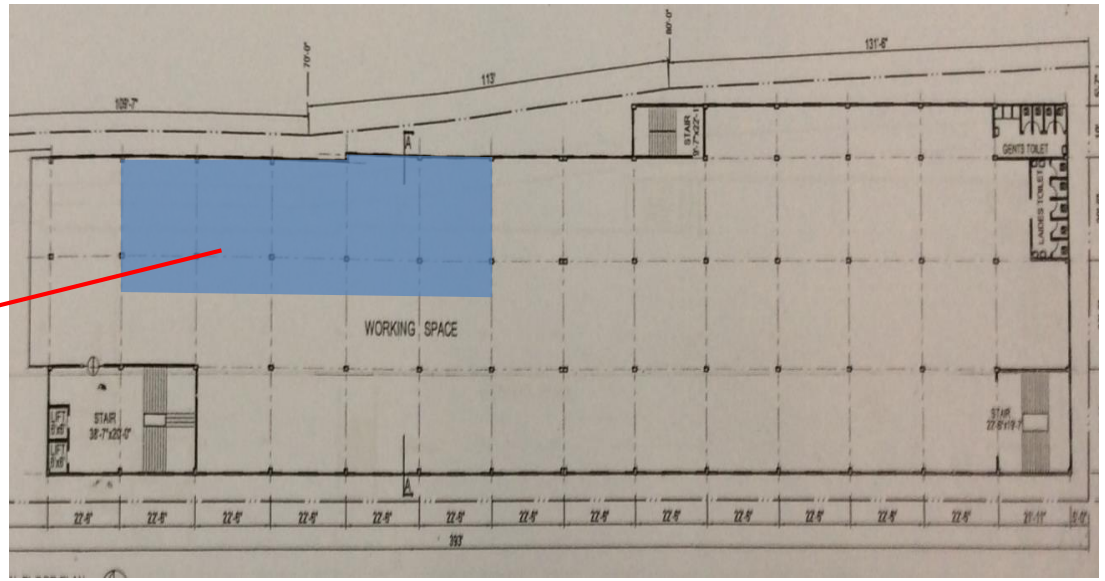

The building storage loads observed in the factory varied from 2.1kN/m2 to 3.7kN/m2. The general arrangement of storage boxes or bales of yarn consisted of stacks 2 boxes wide with an access aisle between the storage areas.

Storage on Level 7

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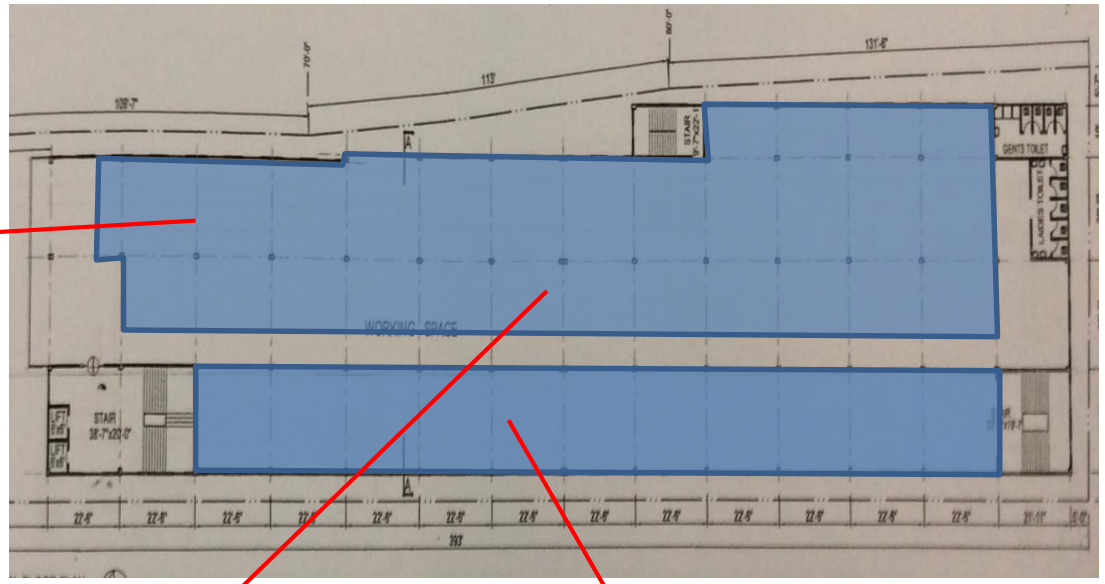

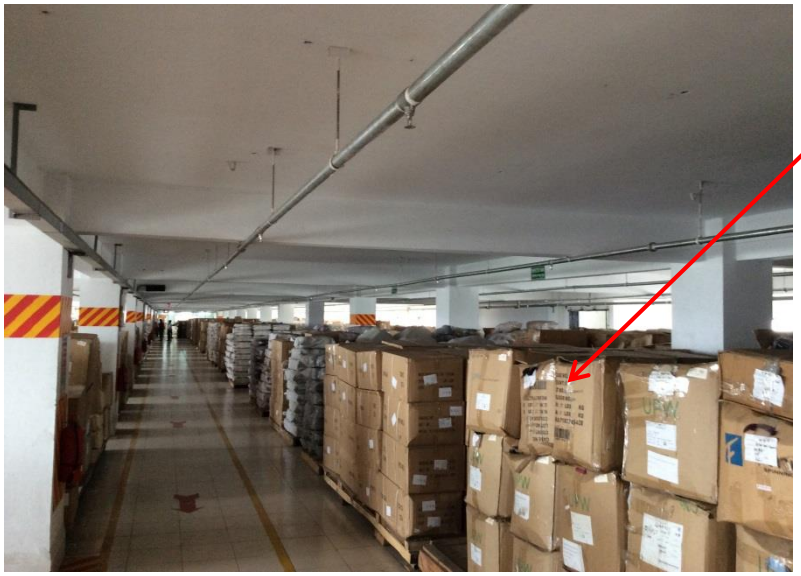

Storage on Level 8

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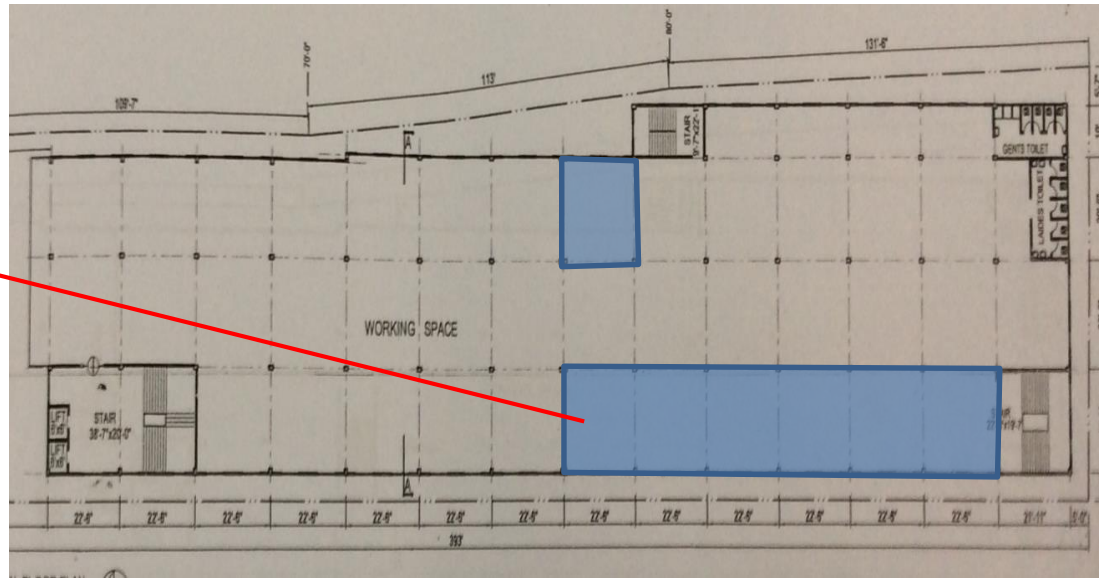
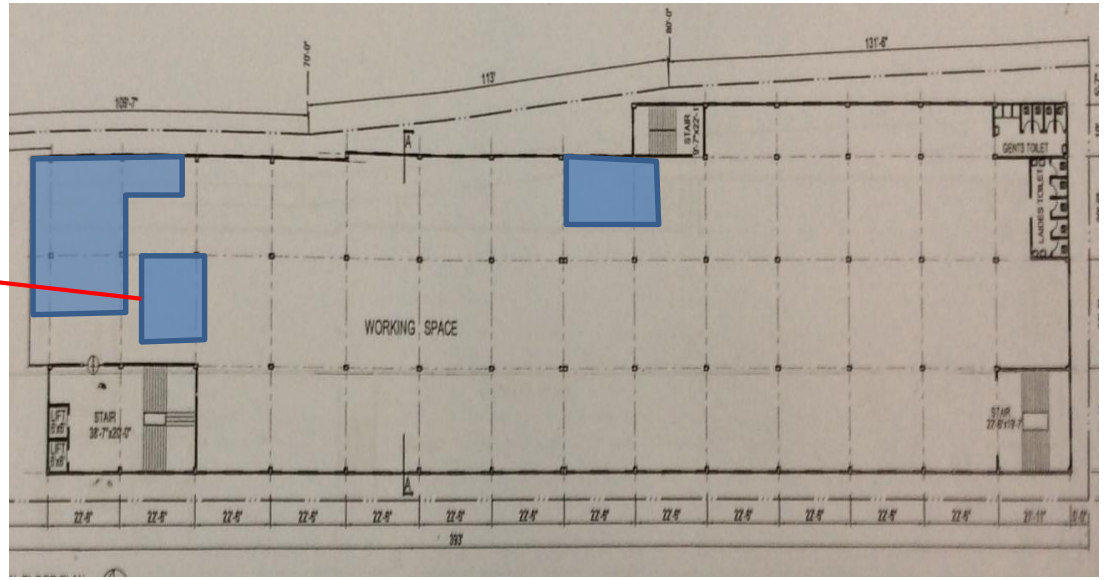


Storage on Level 6



Storage on Level 5

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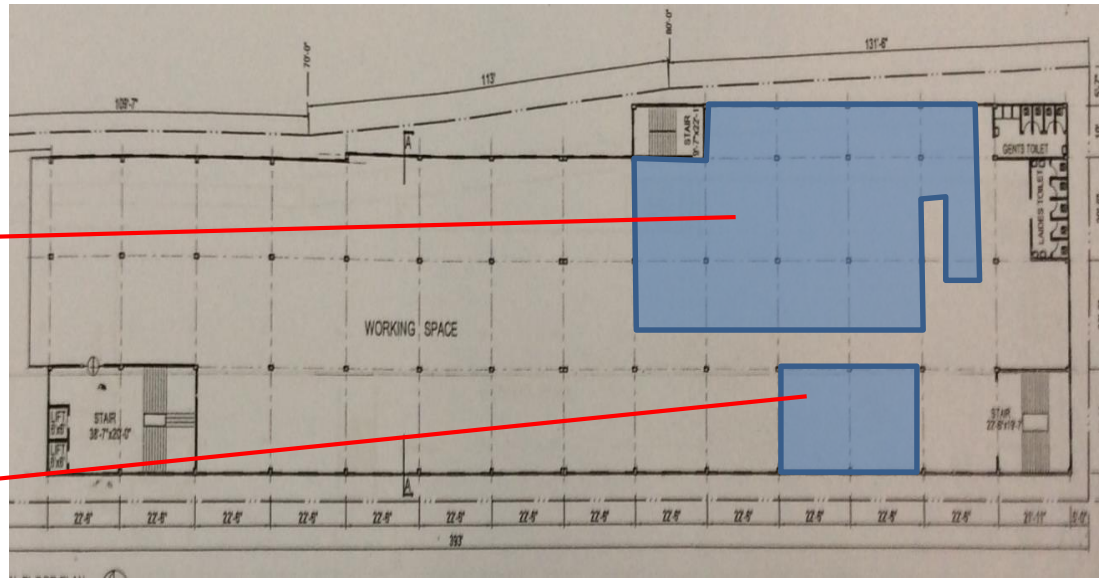
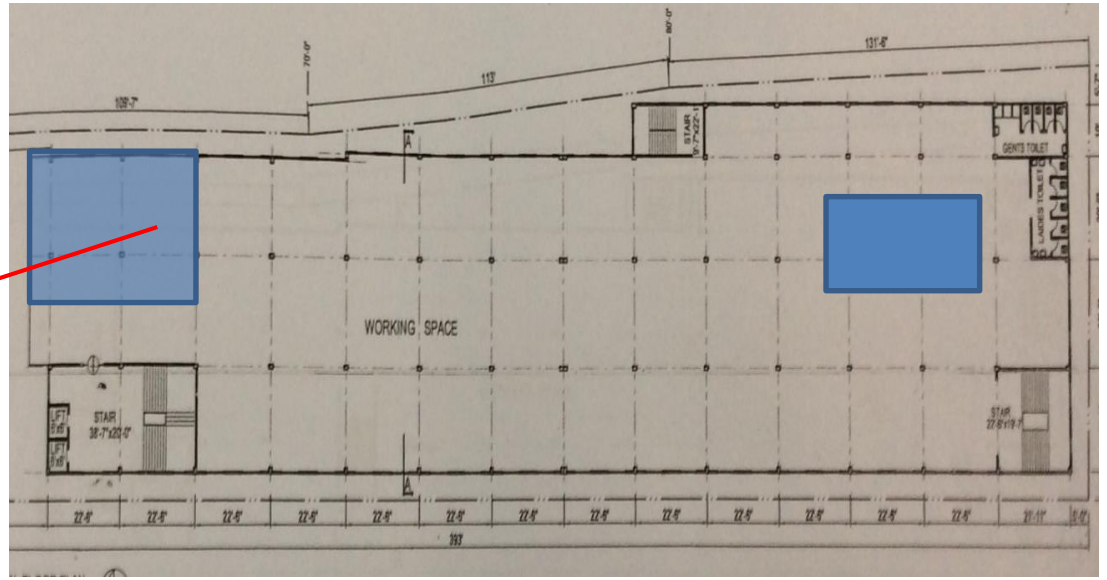


Storage on Level 4



Storage on Level 3

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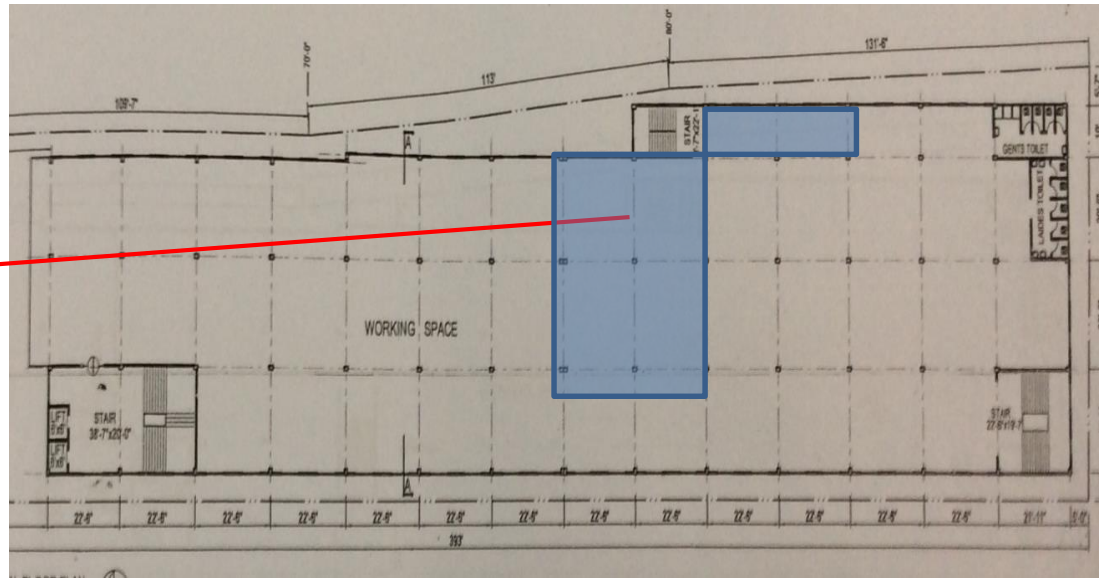
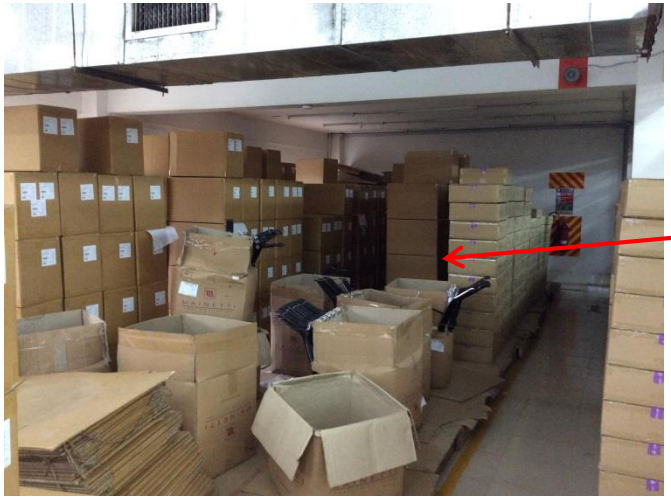
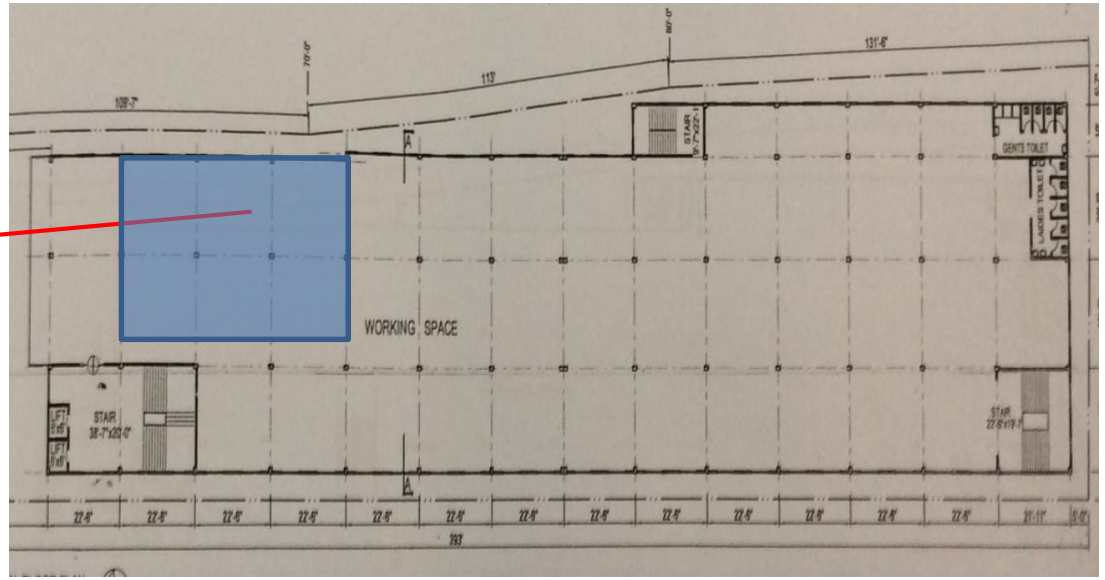


Storage on Level 2





Storage on Level 1

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Brick wall on level 6

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Priority Actions

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Problems Observed

1. Boiler House – lack of documentation to verify steel structure - to be reviewed
2. Uncontrolled storage on floors in Production Building
3. Hairline cracking to 4th floor beams in Production Building

Item No.	Observation	Recommended Action Plan	Recommended Timeline
1	Boiler House - Steel Structure	Building Engineer to review design and stability of steel structure to Boiler House and strengthen structure as required / appropriate.	**6-weeks**
2	Boiler House - Steel Structure	Actions arising from engineering review to be implemented	**6-months**
3	Production Building – Uncontrolled storage	Factory Engineer to review design, loads and column stresses for internal and external columns	**6-months**
4	Production Building – Uncontrolled storage	Produce and actively manage a loading plan for all floor plates within the factory, giving consideration to floor capacity and column capacity	**6-months**
5	Vertical cracking in plaster to 4th floor beams	Plaster to be removed to facilitate inspection of concrete beam. Building Engineer to review extent of cracking in beam and advise on remedial works if appropriate	**6-months**