

Southern Clothings Ltd

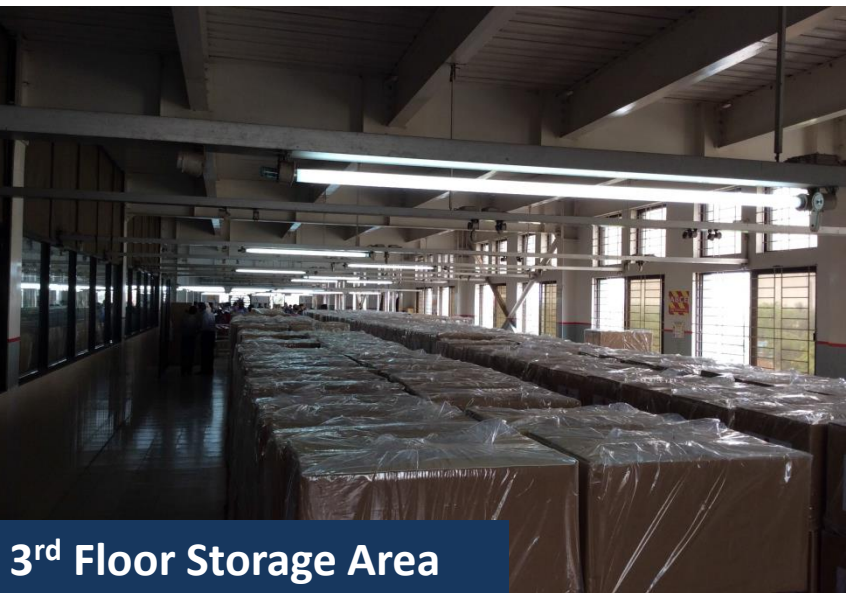
Battala, Zirabo, Ashulia, Savar, Dhaka
(23.907424N, 90.321617E)

06 April 2014



Observations

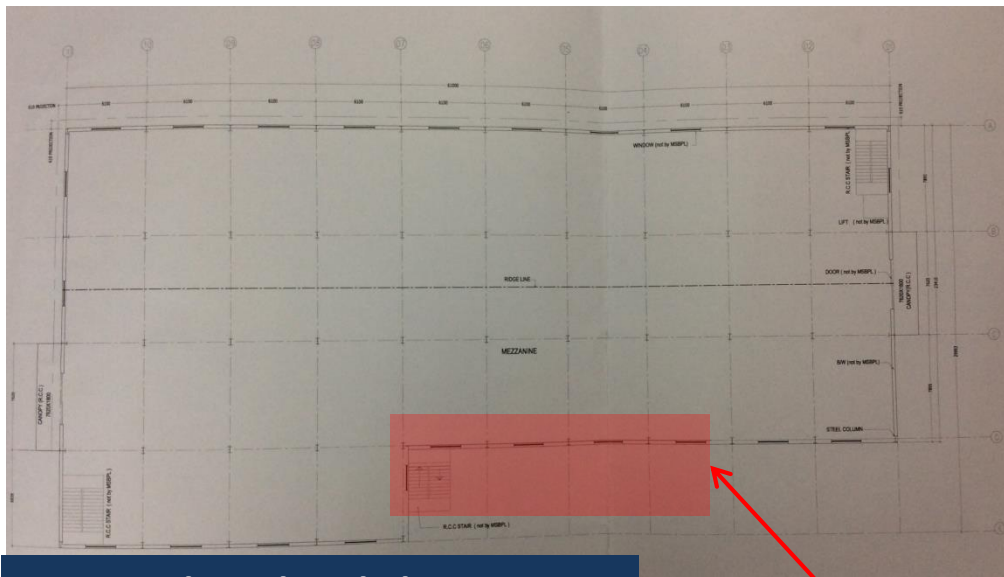
Management of Storage Loads



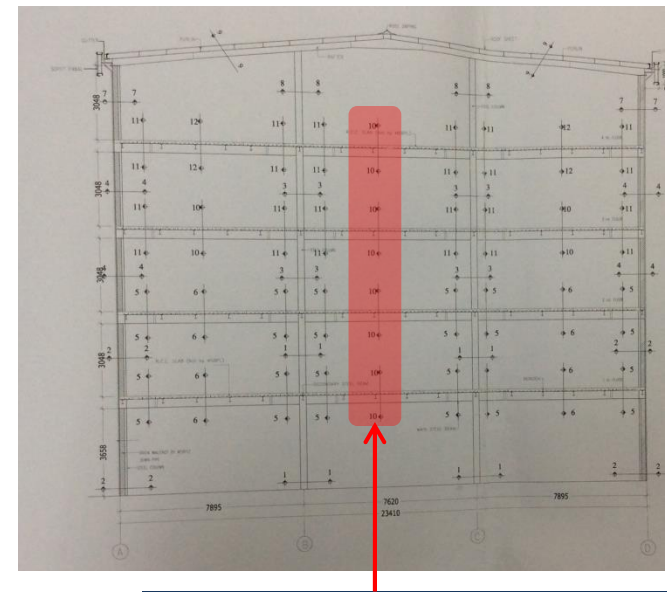
Building Engineer to prepare controlled loading plans , based on floor slab and column capacity, for all floors which will designate storage density and where storage may be placed.

Management of Storage Loads

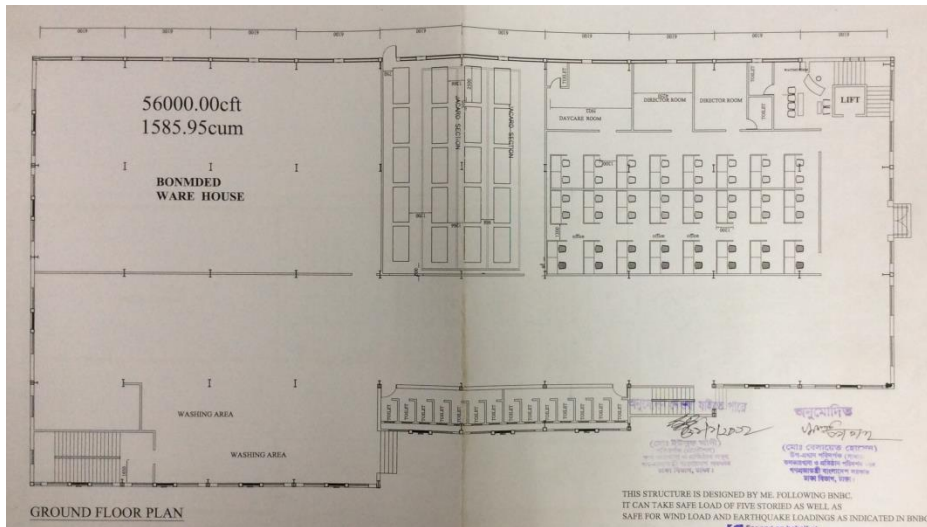
Inconsistencies between structural drawings and the as-constructed arrangement of the factory



**Structural steelwork drawings
(original commercial proposal)**



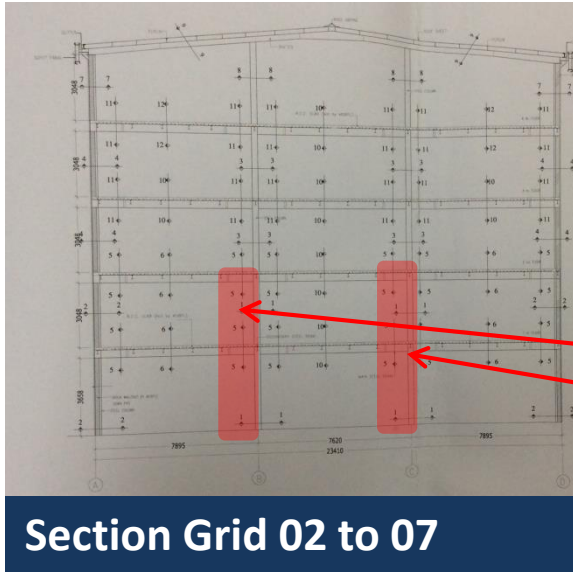
**Surveyed dimensions
indicate that larger section
was used for these beams**



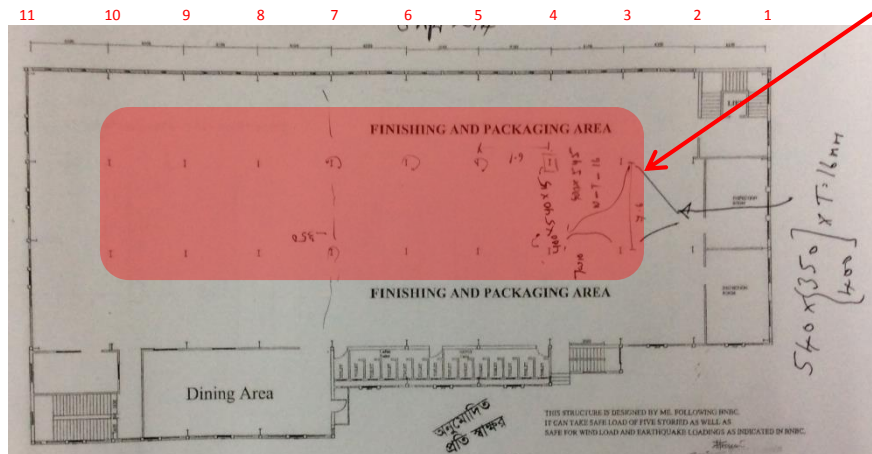
As-constructed Architectural layout

**This area does not correspond with the
as-constructed building layout**

**The building structure should be
surveyed and a set of accurate “As-Built”
structural drawings prepared consistent
with the current structural arrangement**



Surveyed dimensions indicate that column section sizes as constructed, in the highlighted area, do not correspond at all locations with the sizes shown on the drawings.
Building Engineer to review.



Priority Actions

Problems Observed

ITEM 1: Management of storage loads

ITEM 2: Inconsistencies between structural drawings and the as-constructed arrangement of the factory

Item No.	Observation	Recommended Action Plan	Recommended Timeline
1	Management of storage loads	Produce and actively manage a loading plan for all floor plates within the factory giving consideration to floor capacity and column capacity.	6-months
2	Inconsistencies between structural drawings and the as-constructed arrangement of the factory	Building Engineer to survey as constructed building. Updated drawings to be prepared showing the correct as constructed layout – in particular for the structural steel frame.	6-months
3	Inconsistencies between structural drawings and the as-constructed arrangement of the factory	Prepare/update calculations showing the structural adequacy of the building structure taking into account the factory design imposed loading and the as built structure.	6-months
4	Inconsistencies between structural drawings and the as-constructed arrangement of the factory	Prepare controlled loading plans for all floors designating storage density and where storage may be placed.	6-months