

Pretty Sweater Limited

Plot no#222, Gacha, Chayadhana, National University, Gazipur – 1704, Dhaka.
(23.957626, 90.381326)



Observations



157.56 metres

No provision made for building movements resulting from thermal expansion/contraction, differential settlement and/or long-term shrinkage.

Observation -No Movement joints in structure or
3 Facade

Helicopter Loading not defined





Ground Floor column

Priority Action

Problems Observed

ITEM 1: No provision in building for movement (expansion/contraction)

ITEM 2: Helicopter loading on Roof Slab

ITEM 3: Damaged Column at Entrance

Item No.	Observation	Recommended Action Plan	Recommended Timeline
1	No provision in building for movement (expansion/contraction)	Factory Engineer to calculate building movements/stresses resulting from thermal expansion/contraction, differential settlement and/or long-term shrinkage on existing Structure and Facade. DEA to be updated to include thermal loads.	6-weeks
2	No provision in building for movement (expansion/contraction)	Factory Engineer to carry out remedial works to prevent structural damage to building and façade, if required.	6-months
3	Helicopter loading on Roof Slab	Factory Engineer to calculate imposed loads resulting from helicopter landing/take-off on roof slab, in consultation with Bangladesh Aviation Authority regarding load limitations of use for this Helipad	6-weeks
4	Helicopter loading on Roof Slab	DEA to be updated to include these loads.	6-weeks
5	Helicopter loading on Roof Slab	Factory Engineer to specify maximum allowable imposed loads on Helipad.	6-months
6	Damaged Column at Entrance	Factory Engineer to arrange for damaged column to be inspect by structural engineer. Following inspection Factory Engineer to repair damaged column as specified by structural engineer.	6-weeks