

Emon Fashion Ltd. (New Unit)

42, Mariyali, Joydebpur, Gazipur.

(24.010060N, 90.401606E)

16th July 2019



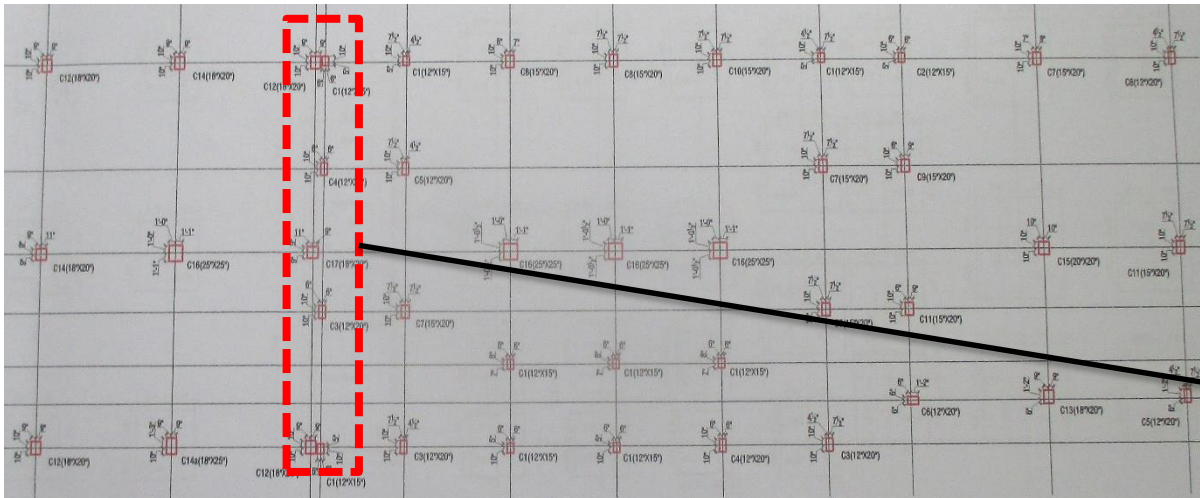


Observations



Outline between the building does not have adequate clearance

Observation:



Location of separation in column layout drawing



Outline between two parts

The building is analyzed in two parts, but on-site clear gap was not observed. Building Engineer is required to ensure whether the structures are separated or structurally connected. If separated, then adequate gap is required to be provided for movement and seismic provision. If the structures are connected, then factory is required to carryout analysis of the building considering a single structure.

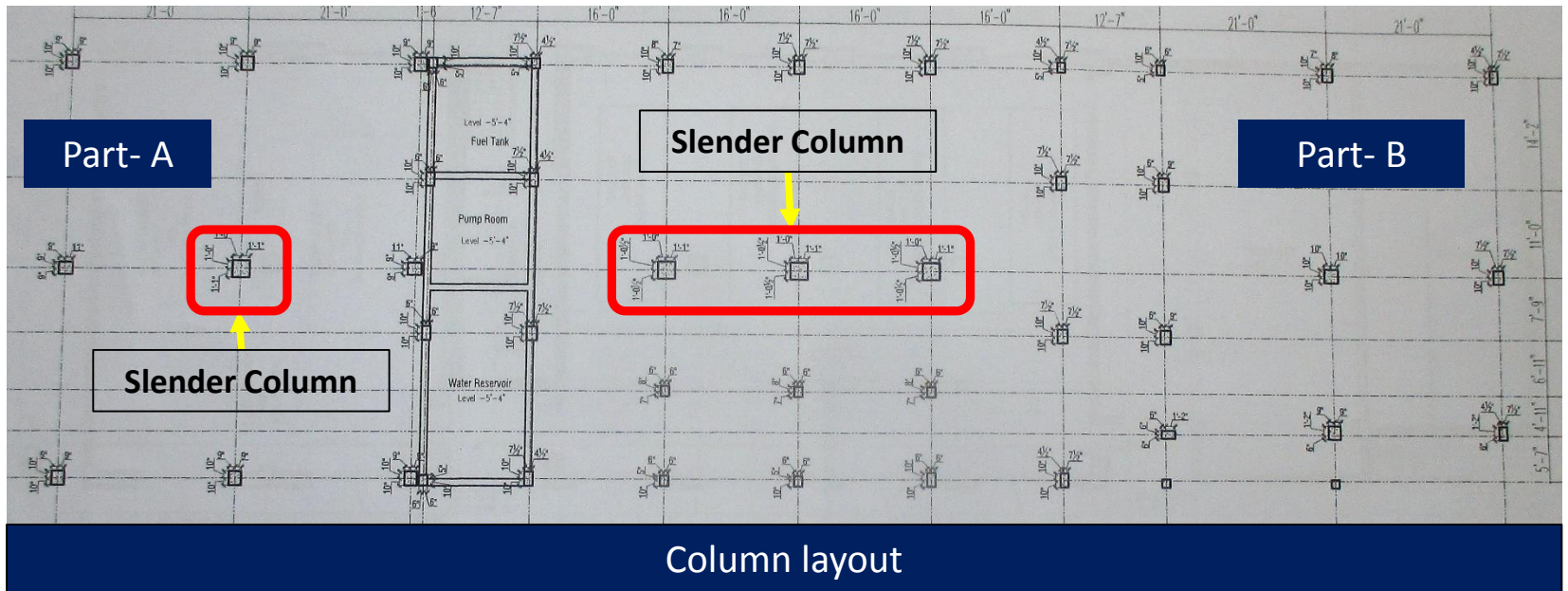
Observation:



Slenderness effect of internal columns not addressed in design report

Observations

5



There is no tie beam for internal grids. Tie beams exist only in peripheral grids. Slenderness effect may act on the internal columns. Also, in design report slenderness effect of columns was not addressed. Factory engineer is required to check the slenderness effect of those columns.

Observations



Water damage at several locations

Observation:



Water ponding observed on 3rd floor



Signage of water ingress observed on 1st floor slab.

Factory is required to install the proper drainage system on floor slabs susceptible to water ponding.

Observation:



Dampness was observed on beam and wall due to water seepage through outline of two parts.
Factory is required to carry out required measures to remove dampness.

Observation:



Problems Observed

- 01: Outline between the building does not have adequate clearance.
- 02: Slenderness effect of internal columns not addressed in design report
- 03: Water damage at several locations.



Item No.	Observation	Recommended Action Plan	Recommended Timeline
1	Outline between the building does not have adequate clearance	Factory Engineer is required to ensure whether the structures are separated or connected.	6-weeks
2	Outline between the building does not have adequate clearance	Factory is required to provide analysis of the building considering it as single structure (Applicable if connected).	6-weeks
3	Outline between the building does not have adequate clearance	Adequate gap is required to be provided for movement and seismic provision. (Applicable if separated)	6-weeks
4	Outline between the building does not have adequate clearance	Carry out remedial works where necessary.	6-months
5	Slenderness effect of internal columns not addressed in design report	Factory engineer is to check the slenderness effect of internal columns and incorporate this issue in design report.	6-weeks
6	Slenderness effect of internal columns not addressed in design report	Carry out remedial works if necessary.	6-months
7	Water damage at several locations	Install the proper drainage system on floor slabs susceptible to water ponding.	6-weeks
8	Water damage at several locations	Carry out required measures to remove dampness on beam & walls as per recommendation of factory engineer.	6-weeks