

J.M. Fabrics Ltd. (9497)

South Nayapara, 6 No Dogri, Bhawal, Mirzapur

30.MARCH.2014



Identified Priority 1 Concerns

(None)

Identified Priority 2 Concerns

Low Column Safety Factors in Original 6-Storey Building

Priority 2 Concern

COLUMN SCHEDULE - EXISTING BUILDING

COL. NO.	BELOW GROUND LEVEL	GROUND FLOOR - 2ND FLOOR	3RD FLOOR - 5TH FLOOR
C1	10mm ϕ 200 c/c 8-20mm ϕ 4-25mm ϕ	10mm ϕ 200 c/c 8-20mm ϕ 4-25mm ϕ	10mm ϕ 200 c/c 8-20mm ϕ 4-25mm ϕ
C2	4-20mm ϕ 10mm ϕ 200 c/c 8-16mm ϕ	4-20mm ϕ 10mm ϕ 200 c/c 8-16mm ϕ	4-20mm ϕ 10mm ϕ 200 c/c 8-16mm ϕ
C3	12-20mm ϕ 10mm ϕ 200 c/c	12-20mm ϕ 10mm ϕ 200 c/c	12-20mm ϕ 10mm ϕ 200 c/c
C4	12-16mm ϕ 10mm ϕ 200 c/c	12-16mm ϕ 10mm ϕ 200 c/c	12-16mm ϕ 10mm ϕ 200 c/c
C5	12-16mm ϕ 10mm ϕ 200 c/c	12-16mm ϕ 10mm ϕ 200 c/c	12-16mm ϕ 10mm ϕ 200 c/c
C6	12-16mm ϕ 10mm ϕ 200 c/c	12-16mm ϕ 10mm ϕ 200 c/c	12-16mm ϕ 10mm ϕ 200 c/c
C7	10mm ϕ 200 c/c 16-16mm ϕ	10mm ϕ 200 c/c 16-16mm ϕ	10mm ϕ 200 c/c 16-16mm ϕ
C8	10-20mm ϕ 10mm ϕ 200 c/c	10-20mm ϕ 10mm ϕ 200 c/c	10-20mm ϕ 10mm ϕ 200 c/c



Under minimum allowable loading column checks in the original 6-Storey building yield lower than desirable safety factors.

Low Soil Bearing Capacity

Identified Priority 3 Concerns

(None)

Priority Actions

Problems Observed Summary

ITEM 1: (Priority 2) Under minimum live loads, column checks yield lower than desirable safety factors within the original portion of the 6-storey building

Item 1 and Actions

High column stresses within the original portion of the 6-storey building

Priority 1 (Immediate – Now)

- None

Priority 2 (within 6 weeks)

- Factory engineer to review design, loads and column stresses in area identified above.

Priority 3 (within 6 months)

- Actively manage the existing loading plan for all floor plates within the factory complex.