

Iris Design Ltd.

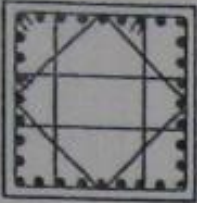
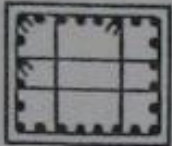
Dhaka Bypass Road, Zajhor, National University, Gazipur
(23.964424 N ,90.397965 E)

22nd November 2015

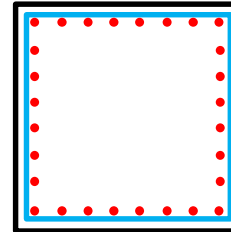


Observations

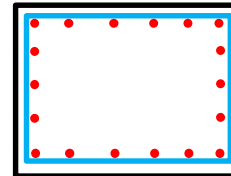
**Reinforcement in columns on site appears
to be different to column layout drawings
in Building 2**

COLUMN NOS.	GROUND, 1ST FLOOR & 2ND FLOOR $f_c = 4000 \text{ psi}$	
C1		
	SIZE	28"X28"
	BAR	16-Ø25 + 16-Ø22mm 32 bars
C2		
	SIZE	24X20
	BAR	12-Ø22 + 12-Ø20mm 24 bars

Observed by Ferro Scanning



24 rebars (8 bars each face)



18 rebars

Column Schedule in drawings for C1(internal) and C2(edge) type columns

Reinforcement detected by Ferro Scanning internal and edge columns in Building 2 (Garment Building) appears to be different than shown in the structural drawings. Building engineer to verify number and diameter of rebars at least at two sides by removing plaster and concrete cover at typical columns before commencing construction

Priority Actions

Problems Observed

ITEM 1: Reinforcement in columns on site appears to be different to column layout drawings in Building 2

Item No.	Observation	Recommended Action Plan	Recommended Timeline
1	Reinforcement in columns onsite appears to be different to column layout drawings in Building 2	Building engineer to verify number and diameter of rebar on at least two sides by removing plaster and concrete cover at typical columns before commencing construction.	6-months