

SCHEDULE OF REINFORCEMENT FOR GREAD BEAM

BEAM TYPE	BEAM SIZE	BOTTOM REINFORCEMENT		TOP REINFORCEMENT		STIRRUPS	
		MID SPAN	ENDS	MID SPAN	ENDS	MID SPAN	ENDS
GB1	0.23 X0.45	3-16Ø+2-16Ø	3-16Ø	3-16Ø	3-16Ø+1-20Ø	10Ø@175 c/c	8Ø@125c/c
GB2	0.23 X0.45	4-16Ø	4-16Ø	3-16Ø	3-16Ø+2-16Ø	8Ø@175 c/c	8Ø@125c/c
GB3	0.23 X0.45	3-12Ø	3-12Ø	3-12Ø	3-12Ø	8Ø@175 c/c	8Ø@125c/c

SCHEDULE OF REINFORCEMENT FOR FOOTING

Footing	Size (BxD) mm	Reinforcement Details		d	D'	Df
		Parallel to Longer face of col.	Parallel to Shorter face of col.			
F1	3.0 X3.0	12Ø@100c/c	12Ø @100c/c	200	800	1800

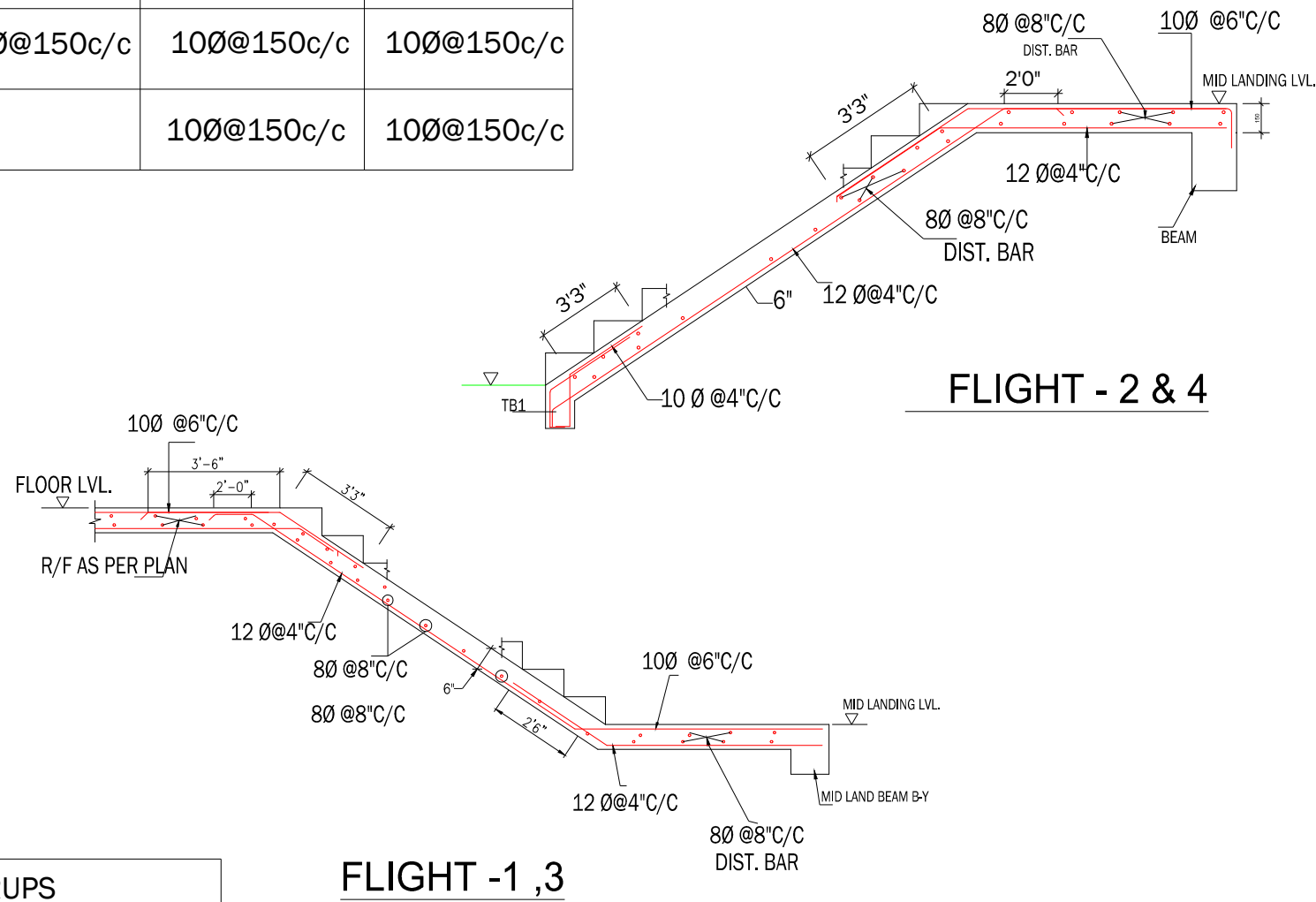
SCHEDULE OF COLUMNS REINFORCEMENT

COL. TYPE	COLUMN SIZE (M M)	MAIN REINFORCEMENT	STIRRUPS*	
			END REG.	OTHER REG.
C1	0.75 X0.45	16-20Ø	10Ø@ 100C/C	10Ø@ 200C/C
C2	0.23 X0.45	10-16Ø	10Ø@ 100C/C	10Ø@ 200C/C
C3	0.23 X0.30	8-16Ø	10Ø@ 100C/C	10Ø@ 200C/C

SCHEDULE OF COLUMNS REINFORCEMENT

FOR GROUND & FIRST (R.C.C ROOF)

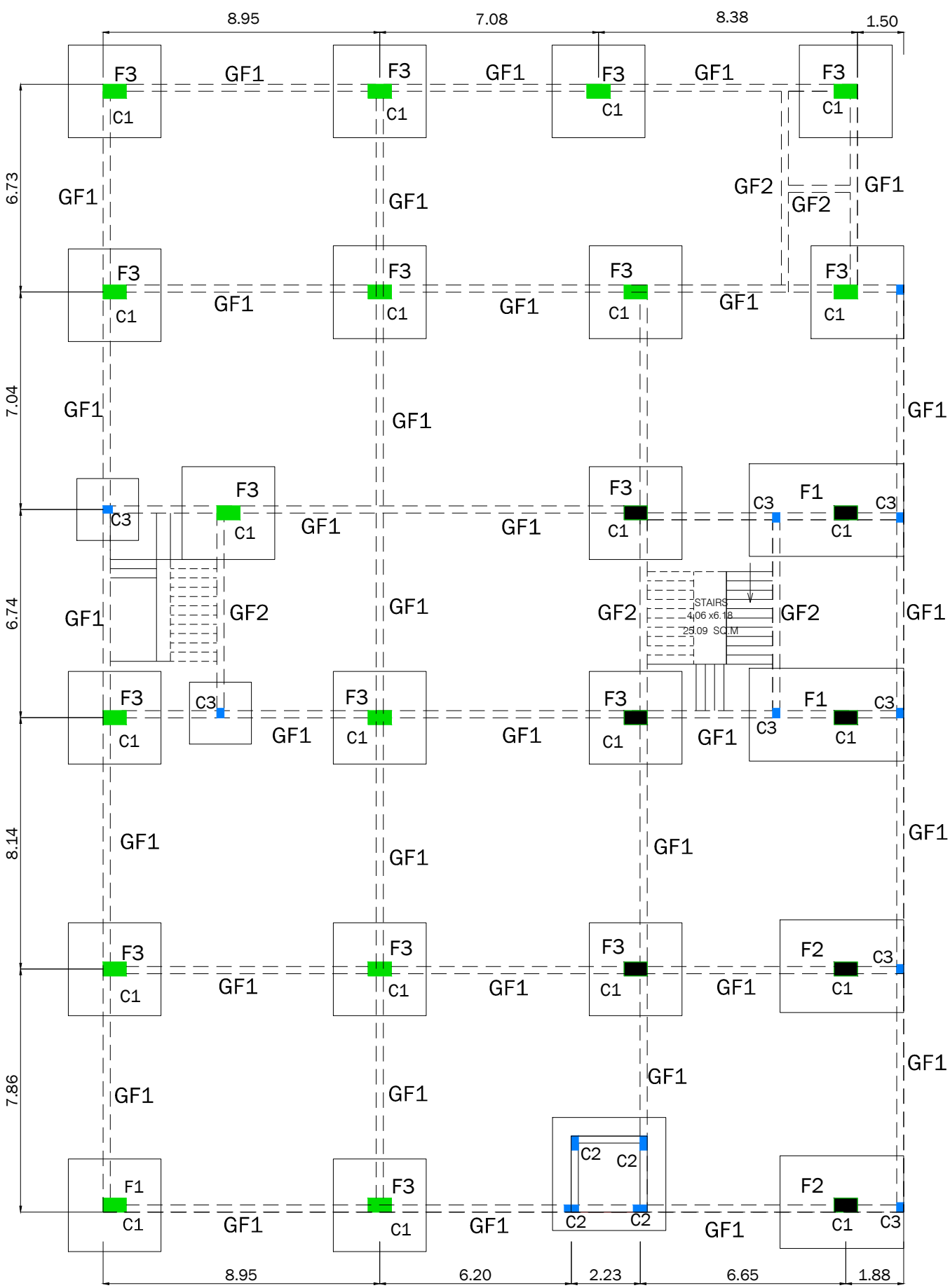
Slab	Slab Depth (m.m.)	Spacing of Reinforcement					
		Parallel to Shorter Direction			Parallel to Longer Direction		
		At Bottom (Mid Span)	Conti. Edge	Disconti. Edge	At Bottom	Conti. Edge	At Top
S1	150	12Ø@150c/c	12Ø@150c/c	12Ø@150c/c	10Ø@150c/c	10Ø@150c/c	10Ø@150c/c
S2	150		12Ø@150c/c	12Ø@150c/c		10Ø@150c/c	10Ø@150c/c



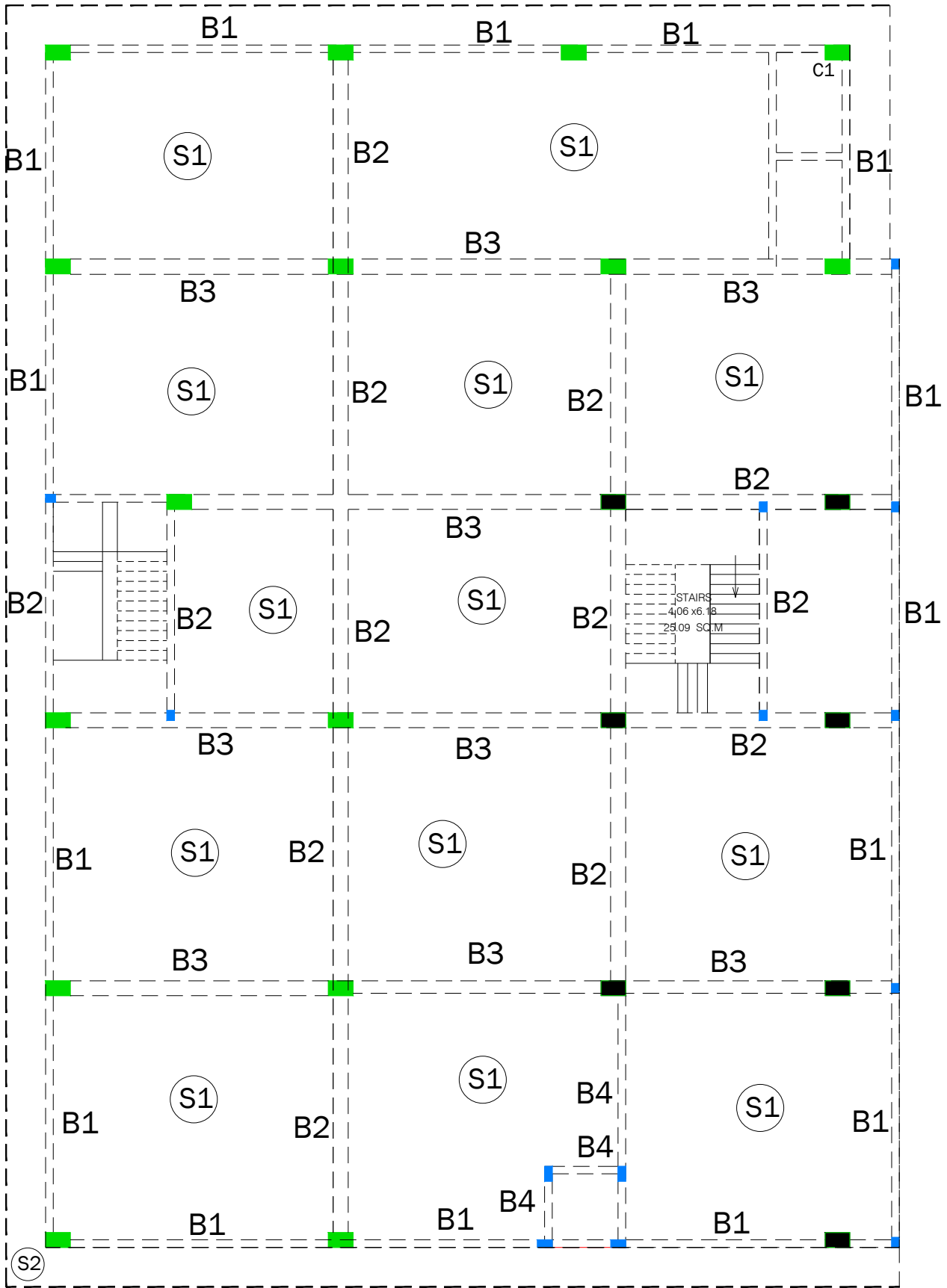
SCHEDULE OF REINFORCEMENT FOR BEAM

FOR GROUND & FIRST (R.C.C ROOF)

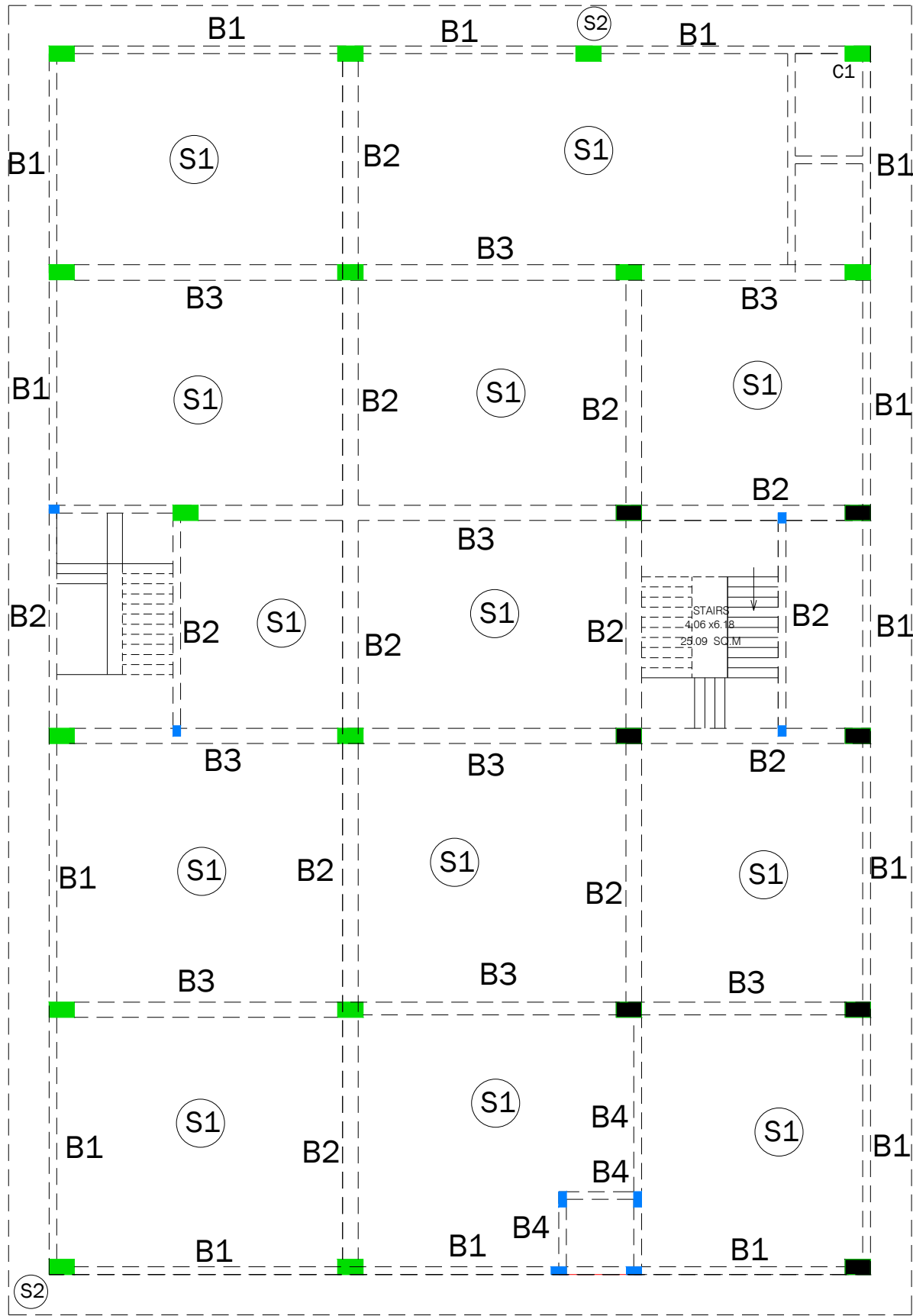
BEAM TYPE	BEAM SIZE	BOTTOM REINFORCEMENT		TOP REINFORCEMENT		STIRRUPS	
		MID SPAN	ENDS	MID SPAN	ENDS	MID SPAN	ENDS
B1	0.23x0.45	3-16Ø+2-16Ø	3-16Ø	3-16Ø	3-16Ø+2-16Ø	10Ø@175 c/c	10Ø@125c/c
B2	0.45x0.45	4-20Ø+2-20Ø	4-20Ø	3-20Ø	3-20Ø+2-16Ø	10Ø@175 c/c	10Ø@125c/c
B3	0.45x0.45	3-20Ø+2-16Ø	4-20Ø	3-20Ø	3-20Ø+2-16Ø	10Ø@175 c/c	10Ø@125c/c
B4	0.23x0.45	3-16Ø+2-16Ø	3-16Ø	3-16Ø	3-16Ø+2-16Ø	10Ø@175 c/c	10Ø@125c/c



COLUMN LAYOUT



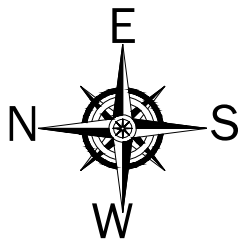
GROUND FLOOR
ROOF BEAM & SLAB



FIRST FLOOR
ROOF BEAM & SLAB

STRUCTURE DRAWING

The set backs,Ground Coverage,FAR,Parking Area as per notification Uttarakhand Secretariat Industrial Development Section-2 No.554 -VII-A-2/E-78820/137-Udyog, -2005 Dehradun: Date 27- November-2024



SCALE
1 : 100

NOTE:-

CERTIFIED THAT THE BUILDING PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE BUILDING BYE-LAWS.ALSO ALL THE PRECAUTION REGARDING EARTHQUAKE HAVE BEEN INCORPORATED IN THE DESIGN. THIS DRAWING HAS BEEN PREPARED ACCORDING TO THE OWNERS DESIRE, THE ARCHITECT IS NOT RESPONSIBLE FOR DEVIATIONS(IF ANY) AT THE SITE DURING CONSTRUCTION. ALL DIMENSIONS ARE IN METER & CENTIMETER

PROJECT TITLE:-

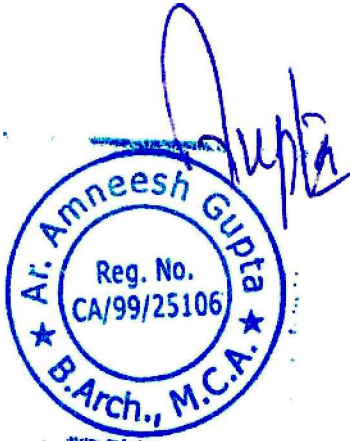
**PROPOSED INDUSTRIAL BUILDING
M/S C FAN ELECTRICALS
THROUGH :-
SH. VIPUL CHANDRA DUBLISH S/O
LATE SH.NARESH CHANDRA DUBLISH
KHATA NO- 229,22 & 188
KHASRA NO- 106, 108 gha & 107 kha
SITUATED AT GRAM- LAKESWARI ,
PARGANA & TEHSIL-BHAGWANPUR ,
DISTT-HARIDWAR**

OWNER'S

[Signature]

ARCHITECT'S

STRUCTURE ENGINEER



[Signature]
Dr. JAVED ALI
Authorized Structure Engineer
Regd. No. DOH - UK / G-III / A/56-22/2019
Email - javed13ali@gmail.com
Mob- 8445768393
Roorkee, Uttarakhand, India-247007