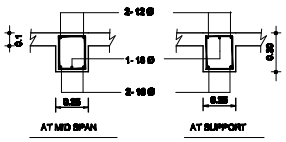
SCHEDULE OF R.C.C COL.

COL. MKD.	SIZE(M)	REINFORCEMENT	
		VER. STEEL	LINKS
C1	0.25 X 0.35	4- 16ϕ + 4-12ϕ	8ϕ (2L) @ 0.150 C/C
C2	0.25 X 0.45	8- 16ϕ	8ϕ (2L) @ 0.150 C/C
C3	0.25 X 0.45	10- 16ϕ	8ϕ (2L) @ 0.150 C/C
C4	0.25 X 0.45	10- 16ϕ	8ϕ (2L) @ 0.150 C/C

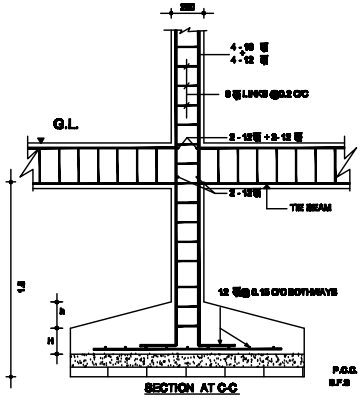
SCHEDULE OF R.C.C COL. FOUNDATION

FOUDN. MKD.	FOOTING SIZE (M)				REINFORCEMENT
	L	B	h	H	
F_1	1.8	1.8	0.2	0.2	12ϕ @ 0.15 C/C BOTHWAYS
F_2	2.1	2.1	0.2	0.2	12ϕ @ 0.15 C/C BOTHWAYS
F_3	2.25	2.25	0.2	0.2	12ϕ @ 0.15 C/C BOTHWAYS
F_4	2.80	2.80	0.25	0.2	12ϕ @ 0.15 C/C BOTHWAYS



R.C.C BEAM (B2)

SCALE :- 1:4

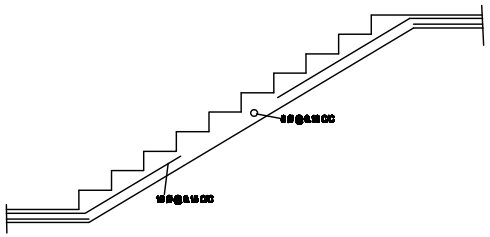


SCHEDULE OF R.C.C BEAM

BEAM MKD.	BEAM SIZE(M)	REINFORCEMENT		STIRRUPS
		AT SPAN	AT SUPPORT	
B_1	0.25 X 0.25	TOP 2- 12ϕ BOTTOM 2-12ϕ	TOP 2- 12ϕ BOTTOM 2-12ϕ	8ϕ 2L @ 0.2 C/C
B_2	0.25 X0.3	TOP 2- 12ϕ BOTTOM 2-16ϕ + 1-16ϕ	TOP 2- 12ϕ + 1-16ϕ BOTTOM 2-16ϕ	8ϕ 2L @ 0.2 C/C
B_3	0.25 X 0.35	TOP 2- 16ϕ BOTTOM 2-16ϕ + 2-12ϕ	TOP 2- 16ϕ + 2-12ϕ BOTTOM 2-16ϕ	8ϕ 2L @ 0.15 C/C
B_4	0.25 X 0.4	TOP 2- 16ϕ BOTTOM 2-16ϕ + 2-16ϕ	TOP 2- 16ϕ + 2-16ϕ BOTTOM 2-16ϕ	8ϕ 2L @ 0.125 C/C
B_5	0.25 X 0.4	TOP 2- 16ϕ BOTTOM 2-16ϕ + 2-12ϕ	TOP 2- 16ϕ + 2-12ϕ BOTTOM 2-16ϕ	8ϕ 2L @ 0.125 C/C
CANTI BEAM B_6	0.25 X 0.3	TOP 2- 12ϕ + 2-16ϕ BOTTOM 2-16 ALTHROUGH		8ϕ 2L @ 0.2 C/C
TIE BEAM TB	0.25 X 0.35	TOP 2- 12ϕ BOTTOM 2-12ϕ + 2-12ϕ	TOP 2- 12ϕ + 2-12ϕ BOTTOM 2-12ϕ	8ϕ 2L @ 0.2 C/C

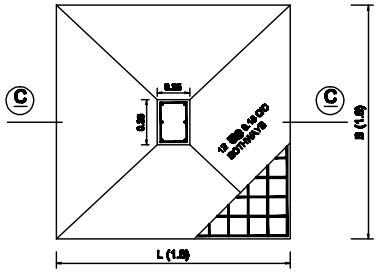
SCHEDULE OF R.C.C SLAB

SLAB MKD.	THICKNESS (M)	REINFORCEMENT
S_1	0.1	SHORTER SPAN 8ϕ @ 0.15 C/C LONGER SPAN 8ϕ @ 0.175 C/C
STAIRCASE	0.125	MAIN BAR 10 ϕ @ 0.15 C/C BINDER 8ϕ @ 0.15 C/C



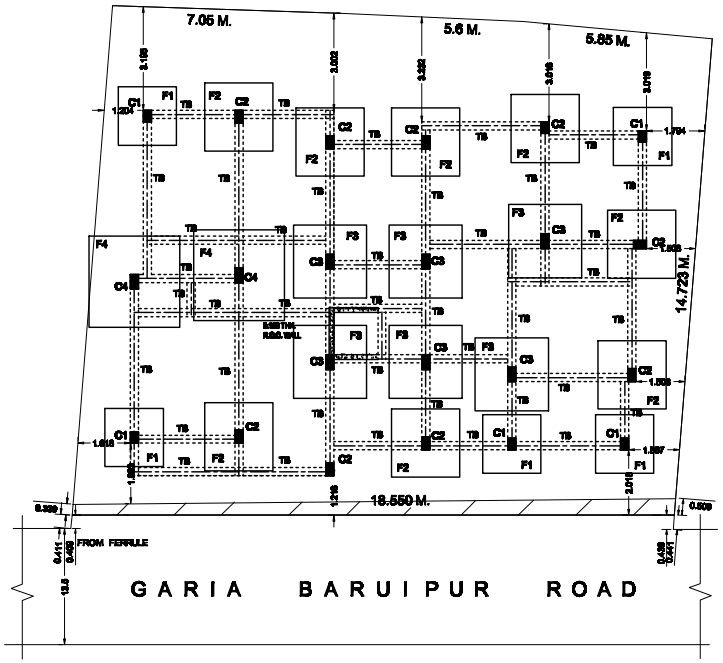
DETS. OF STAIR

SCALE :- 1:4

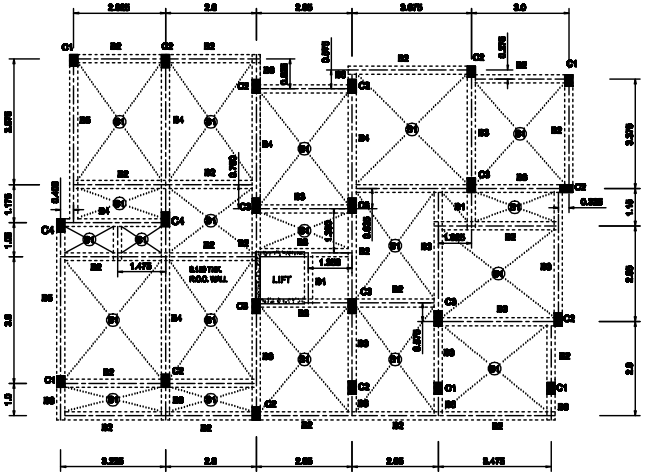


R.C.C COL. (C1)

SCALE :- 1:4



FOUNDATION LAYOUT PLAN



SLAB & BEAM LAYOUT PLAN

STRUCTURAL LAYOUT PLAN OF A G + III STORIED BUILDING AT DAG NO. - 1514 (P.S.) 1593 (L.R.) KH. NO.:- 46 ING WARD ONARPUR GS (S) LLA

SCALE :- 1:100

(UNLESS NOTED OTHERWISE)

NAME OF ARCHITECT - KALYAN CHAKRABORTY
309 / RJPSON / E.B.A / 98-99

CERTIFIED WITH FULL RESPONSIBILITY THAT DESIGN & DRAWING OF BOTH FOUNDATION & SUPERSTRUCTURE OF THE PROPOSED PORTION OF BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER N.B.C OF INDIA & CERTIFIED IT IS SAFE & STABLE IN ALL RESPECT.

NAME OF E.S.E. - SASHI BHUSHAN BASU
14 / RJPSON / E.S.E.-2 / 2016-2017

NAME OF G.T.E. - SANKAR CHAKRABARTI
004 / RJPSON / GTE - I / 2017-18

NAME OF OWNER - SARIFUL ANAM MOLLA