

GROUND FLOOR BEAM SCHEDULE

BEAM MKD.	SECTION	REINF.(SUPPORT)		REINF.(SPAN)		STIRRUP
		TOP	BOTTOM	TOP	BOTTOM	
B1	250X350	3-12 $\bar{\vee}$ + 2-16 $\bar{\vee}$	3-16 $\bar{\vee}$	3-12 $\bar{\vee}$	5-16 $\bar{\vee}$	2L-8T@150 c/c
B3	250X400	3-16 $\bar{\vee}$ + 2-16 $\bar{\vee}$	3-16 $\bar{\vee}$	3-16 $\bar{\vee}$	5-16 $\bar{\vee}$	2L-8T@150 c/c
B3a	200X500	3-16 $\bar{\vee}$ + 2-16 $\bar{\vee}$	3-16 $\bar{\vee}$	3-16 $\bar{\vee}$	3-16 $\bar{\vee}$ + 2-16 $\bar{\vee}$	2L-8T@150 c/c
B4	500X200	5-16 $\bar{\vee}$ + 3-16 $\bar{\vee}$	5-16 $\bar{\vee}$	5-12 $\bar{\vee}$	3-16 $\bar{\vee}$	2L-8T@150 c/c

TYP. FL. BEAM SCHEDULE

BEAM MKD.	SECTION	REINF.(SUPPORT)		REINF.(SPAN)		STIRRUP
		TOP	BOTTOM	TOP	BOTTOM	
B1	250X350	3-12 $\bar{\vee}$ + 2-16 $\bar{\vee}$	3-16 $\bar{\vee}$	3-12 $\bar{\vee}$	5-16 $\bar{\vee}$	2L-8T@150 c/c
B2	250X300	2-12 $\bar{\vee}$ + 2-16 $\bar{\vee}$	2-16 $\bar{\vee}$	2-12 $\bar{\vee}$	4-16 $\bar{\vee}$	2L-8T@150 c/c
B3	250X400	3-16 $\bar{\vee}$ + 2-16 $\bar{\vee}$	3-16 $\bar{\vee}$	3-16 $\bar{\vee}$	5-16 $\bar{\vee}$	2L-8T@150 c/c
B3a	200X500	3-16 $\bar{\vee}$ + 2-16 $\bar{\vee}$	3-16 $\bar{\vee}$	3-16 $\bar{\vee}$	5-16 $\bar{\vee}$	2L-8T@150 c/c
ALL TIE BEAMS	250X400	5-16 $\bar{\vee}$	3-16 $\bar{\vee}$	3-16 $\bar{\vee}$	5-16 $\bar{\vee}$	2L-8T@175 c/c

FOUNDATION SCHEDULE

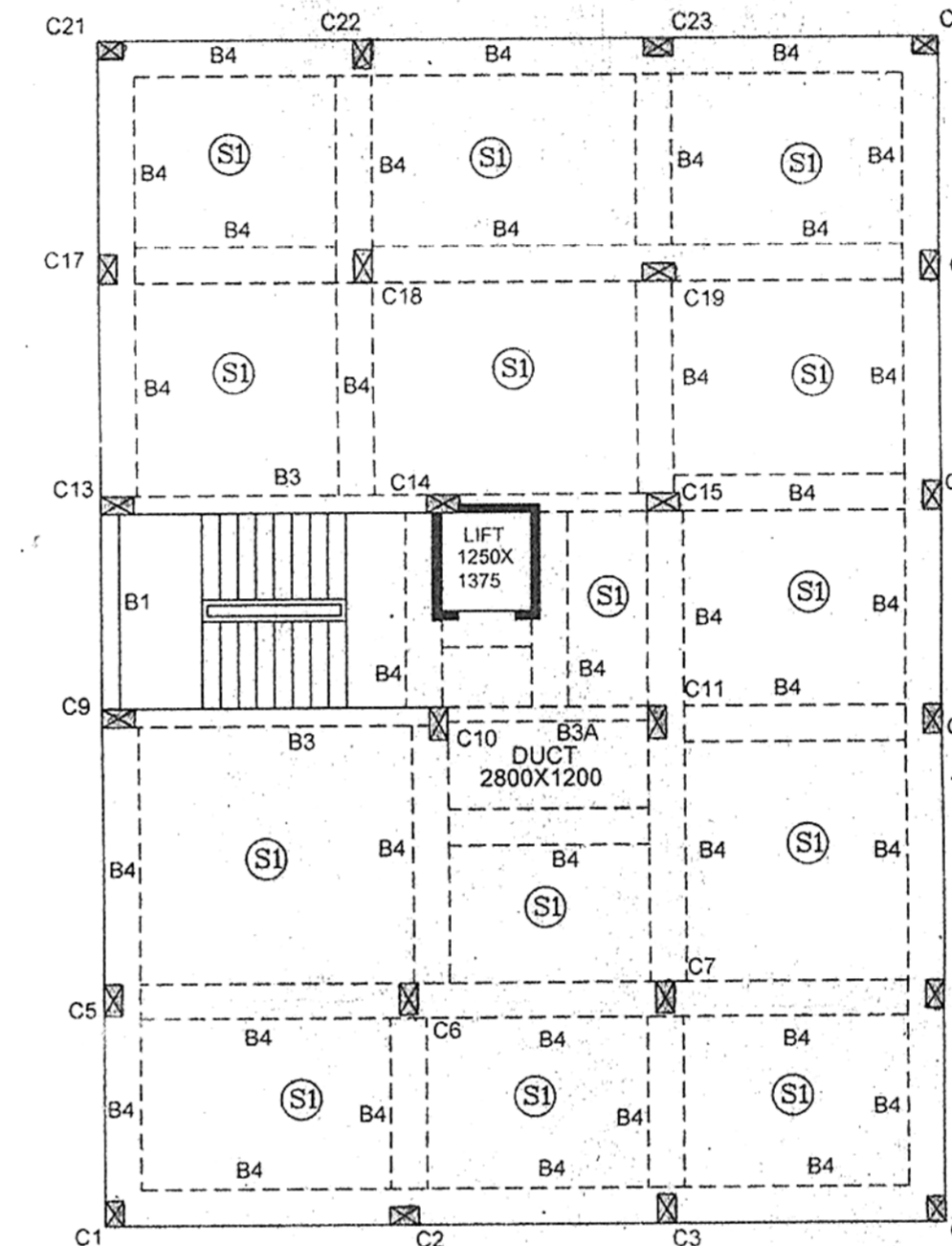
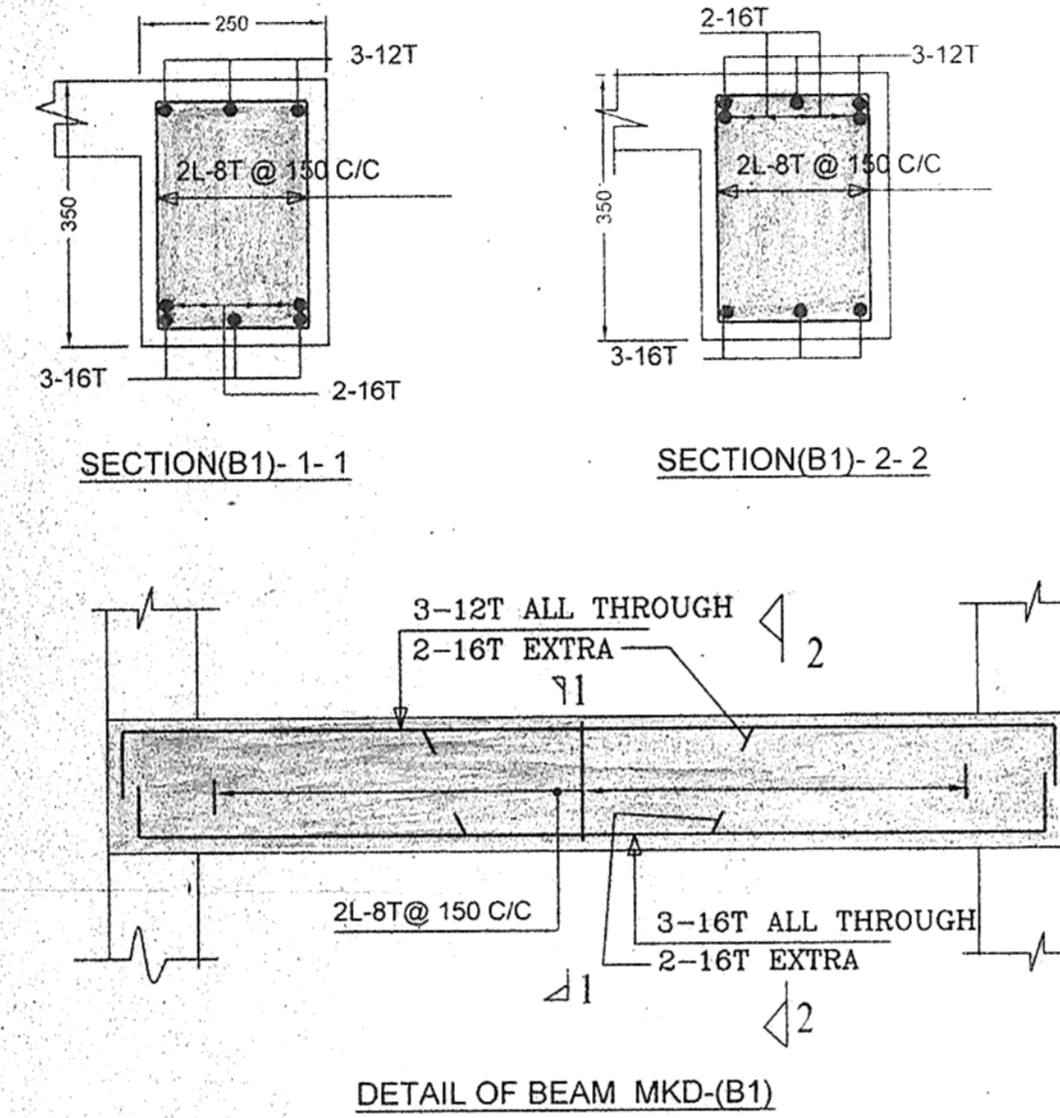
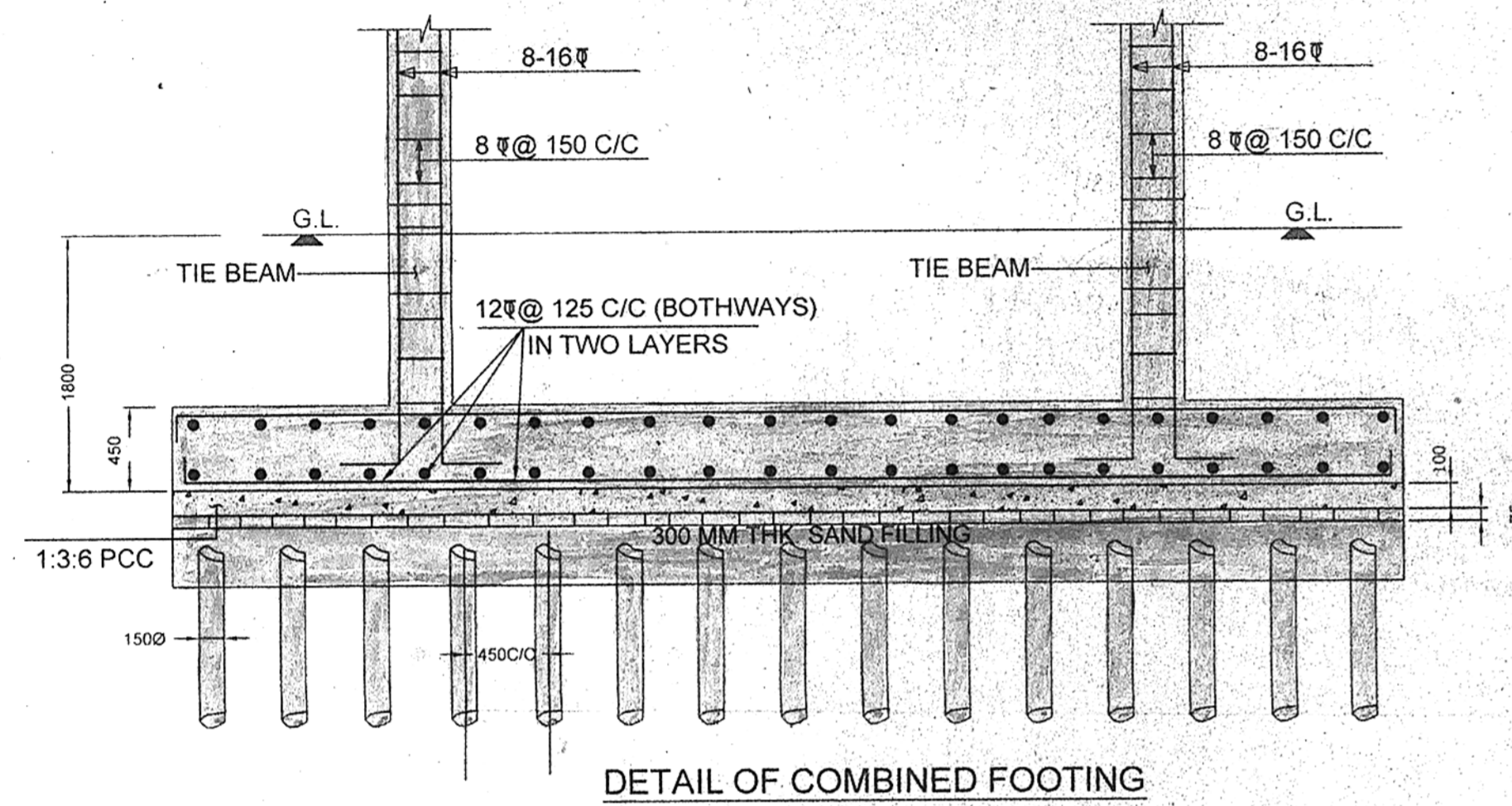
FDN MKD.	F.D.N UNDER COLUMN	FOUND SIZE LxL2 (mm/mm)	d (mm)	D (mm)	REINFORCEMENT
F1	C1,C4,C21,C24	2000X2000	200	400	10 T @ 110 c/c(B/W)
F2	C2,C3,C8,C12,C16,C17,C20,C22,C23	2200X2200	200	400	12 T @ 150 c/c(B/W)
F3	C10+C11+C14+C15 +LIFT	5825X5850	450	450	12T @ 125 c/c(B/W) IN TWO LAYERS
F4	ALL OTHERS	2600X2600	250	450	12T @ 110 c/c(B/W)

COLUMN SCHEDULE

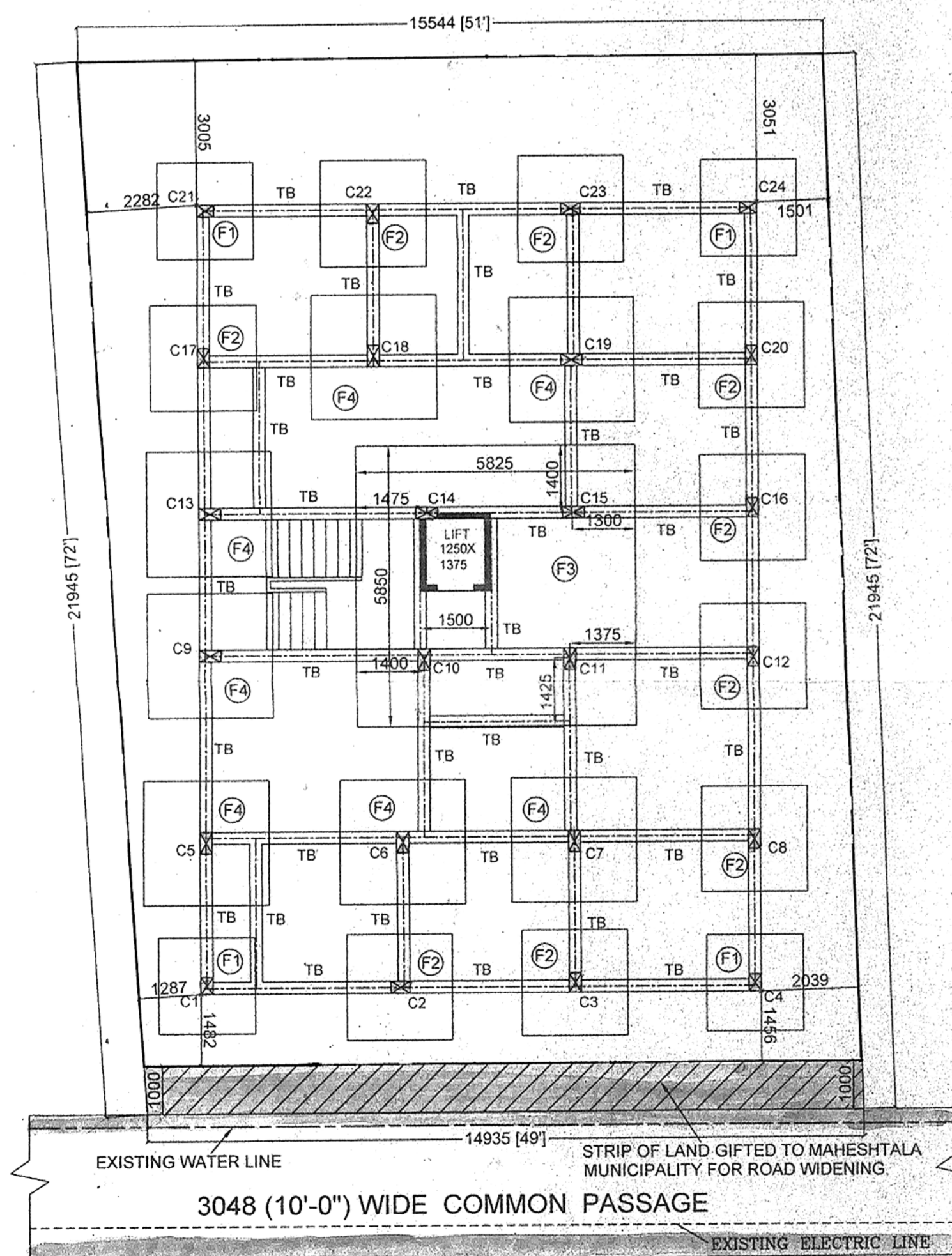
COLUMN MKD.	SECTION	REINFORCEMENT	TIE
C1,C4,C21,C24	250X350	6-16T	2L-8T@150 c/c
C2,C3,C8,C12,C16,C17,C20,C22,C23	250X400	6-16T	2L-8T@150 c/c
ALL OTHERS	250X450	6-16T	2L-8T@150 c/c

SLAB SCHEDULE

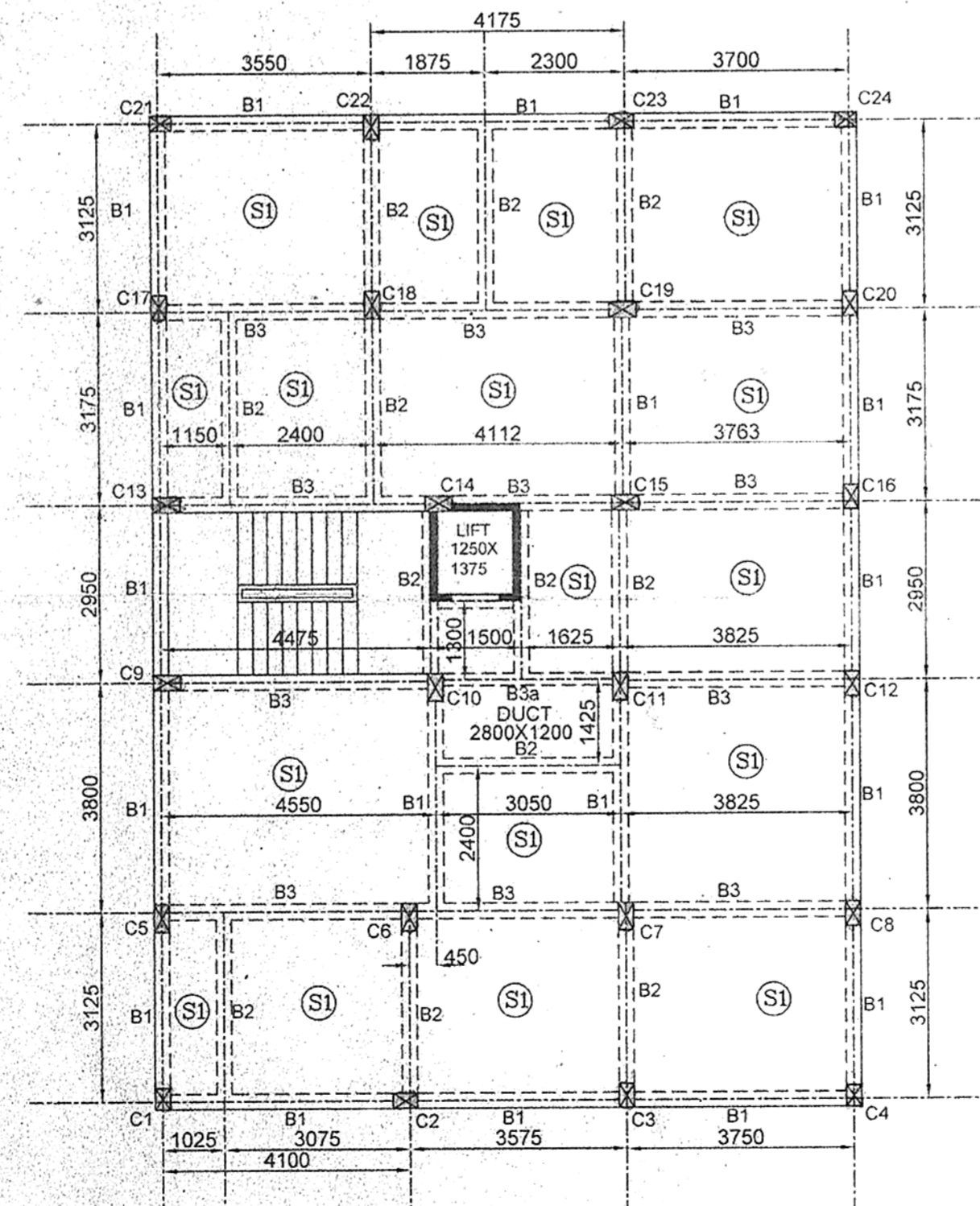
SLAB MKD.	THICKNESS	REINFORCEMENT		PROVIDE 8T 150 c/c AT EDGES AS EXTRA TOP
		MAIN REINF.	DISTRIBUTION	
S1	110 MM	8 T @ 125 c/c	8 T 125 c/c	



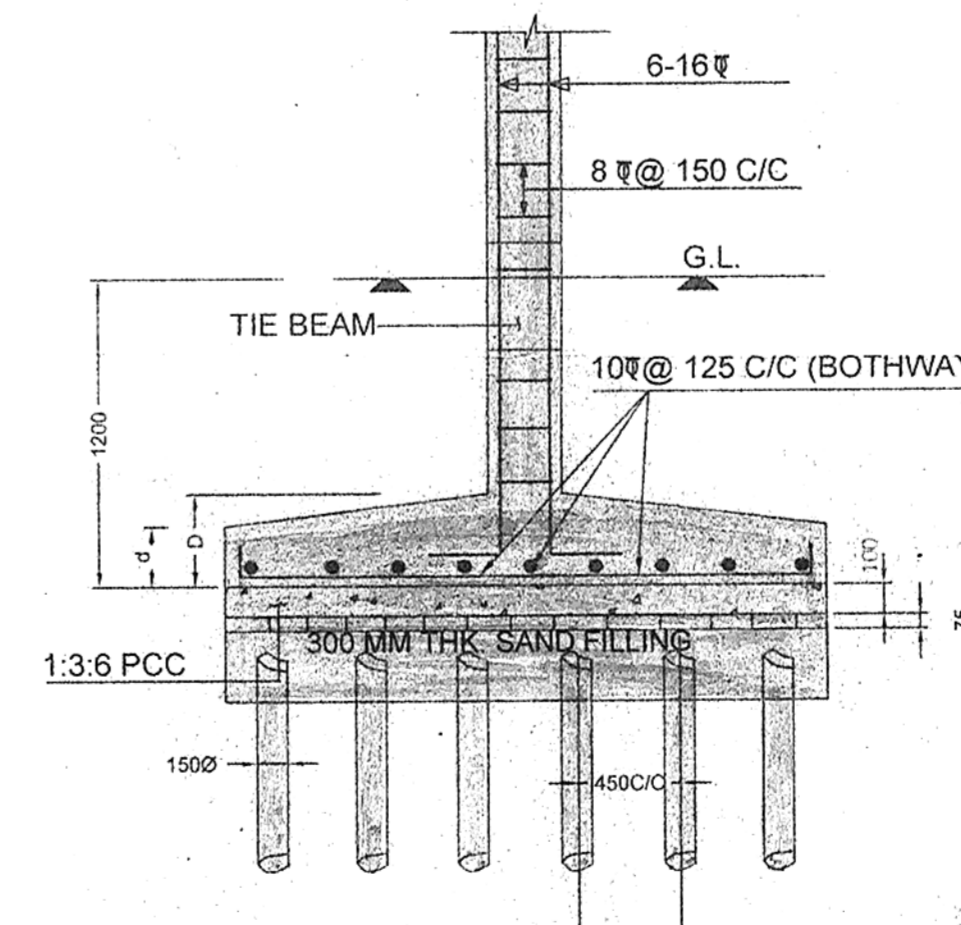
GROUND FLOOR SLAB & BEAM LAY OUT PLAN



FOUNDATION LAY OUT PLAN



SLAB & BEAM LAY OUT PLAN



**1500 SAL BALLAH & 450/C SPACING
16FT. DEPTH SAL BALLAH
DETAIL OF ISOLATED FOOTING
(F1 TYPE)**

NOTES & SPECIFICATIONS

- ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE MENTIONED.
- GRADE OF CONCRETE M20 AND GRADE OF STEEL FE415.
- CENTER LINE GIVEN HERE ARE BEAM CL ONLY.
- IN CASE OF ANY DISCREPANCY IN DWG. REFER TO ARCHITECT.
- FOUNDATION - 1) BOTTOM COVER-50MM SHOULD BE MAINTAINED.
2) SIDE COVER-75MM.
- COLUMN- CLEAR COVER -40MM.
- BEAM- 1)TOP-25MM, 2)BOTTOM-25MM, 3)SIDE-15MM.
- SLAB - 1) BOTTOM-15MM 2) SIDE-15MM.
- EXTRA TOP REINFORCEMENT- 0.25XC/C DISTANCE OF DISCONTINUITY.
- EXTRA TOP REINFORCEMENT- 0.25XC/C DISTANCE OF CONT. SUPT.
- EXTRA BOTTOM REINFORCEMENT- 0.10XC/C DISTANCE OF DISCONT. SUPT.
- EXTRA BOTTOM REINFORCEMENT- 0.15XC/C DISTANCE OF CONT. SUPT.
- SLAB- 1)TOP CURTAILMENT OF BAR: 0.10XC/C DISTANCE OF DISCONTINUOUS EDGE
2)TOP CURTAILMENT OF BAR: 0.15XC/C DISTANCE OF CONTINUOUS EDGE.
3)BOTTOM CURTAILMENT OF BAR: 0.15XC/C DISTANCE OF DISCONTINUOUS EDGE.
4)BOTTOM CURTAILMENT OF BAR: -0.25XC/C DISTANCE OF CONT. EDGE.
5) EXTRA TOP CURTAILMENT OF BAR: -0.30XC/C DISTANCE OF CONT. EDGE.
- BOND/LAP LENGTH FOR REINFORCEMENT-80D.
- FOUNDATION DEPTH SHOULD BE MAINTAINED 1200MM FROM ORIGINAL SOH...

DECLARATION OF STRUCTURAL ENGINEER

THE STRUCTURAL DESIGN & DRAWING OF BOTH FOUNDATION & SUPER-STRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOADS AS PER NATIONAL BUILDING CODE OF INDIA & CERTIFIED THAT IT IS SAFE & STABLE IN ALL RESPECT.

S. K. Chakravarty

S. K. CHAKRAVARTY
Chartered Engineer(I)
M-23034, Member
Institution of Engineer(I)

SIGN. OF STRUCTURAL ENGINEER

DECLARATION OF L.B.S.

CERTIFIED WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN AS PER PROVISION OF BANCAL MUNICIPALITY RULES, AS AMMENDED FROM TIME TO TIME AND THAT THE SITE CONDITION CONFORM WITH THE SITE PLAN AND THAT IT IS A BUILDABLE SITE AND NOT A TANK OR A TANK FILLED UP LAND. THE PLOT IS VACANT AND IS BOUNDED BY BOUNDARY WALL.

Subhajit Singha Roy
SUBHAJIT SINGHA ROY
L.B.S. REG. NO. MM-125
86, N.K. GHOSAL ROAD
KOLKATA-700042
SIGN. OF L.B.S.

Anil Kumar Shaw

ANIL KUMAR SHAW
True and Lawful Attorney of

- Rita Banerjee(Bandhopadhyay)
- Santoshi Banerjee(Bandhopadhyay)
- Abhi Banerjee(Bandhopadhyay)
- Alice-Abhijit Banerjee
- Kanailal Das

SIGN. OF OWNER



**STRUCTURAL PLAN OF PROPOSED G+III STORIED
RESIDENTIAL BUILDING AT MOUZA - PUTKHALI, J.L.NO. - 50,
TOUZI NO. - 1521, R.S. NO. - 43, R.S.DAG NO- 100, L.R.DAG
NO. - 150, R.S. KHATIAN NO. - 32,
L.R. KHATIAN NO. - 1372, 1375, 1380, 1353, P.S. - MAHESHTALA,
WITHIN MAHESHTALA MUNICIPALITY, WARD NO. - 31,
HOLDING NO. - D1-2/NEW, MONDAL PARA ROAD (PUTKHALI),
KOLKATA - 700140, DIST.-24 PGS.(SOUTH).**

Before starting any construction, site must conform with the plan submitted and all the conditions as proposed in the plan. The validity of the written permission to execute the work is subject to the above condition.
BUILDING PLAN SANCTIONS DATE: 20/11/18
Valid upto: 10/11/19
Renewal within: 10/11/19
Construction should be made strictly according to sanctioned plan

ORIGINAL COPY / DURABLE COPY
DEVIATION WORK / MEAN
DEMOLITION
FINAL / PROVISIONAL SANCTIONED
RESIDENTIAL BUILDING PLAN
I hereby sign, should be sanctioned for the same for the lives of the adjoining public and private properties during construction.
Plan No. 199/2016/199
Date: 09.11.2016
Name: K. S. Ganesh & Co. P. O. Road
Add: K. S. Ganesh & Co. P. O. Road
Work No. 199/2016/199
Sub-Asst Engineer
Building Section
Mangalore Municipality
Mangalore
20 Jun 2018

APARTMENT BUILDING