ARCHITECT DECLARATION

CERTIFICATE OF ARCHITECT :-

CERTIFIED WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER PROVISION OF K.M.C. BUILDING RULES 2009, AS AMMENDED FROM TIME TO TIME AND THE SITE CONDITION INCLUDING THE WIDTH OF THE ABUTTING ROAD IS CONFORMING WITH THE PLAN. IT IS A BUILDABLE SITE AND NOT A TANK OR FILLED UP TANK. THE PLOT IS DEMARKETED BY BOUNDARY WALL. THE SITE PLAN AND KEY PLAN IS CONFORM WITH THE SITE. THE ABUTTING ROAD IS 5.933 MT. (MINIMUM) WIDE K.M.C. ROAD ON SOUTHERN SIDE & 3.391 MT. (MINIMUM) WIDE ROAD ON EASTTERN SIDE OF THE PREMISES. THE PLOT IS BEYOND 500 MT. FROM THE C/L OF E.M.BYE PASS..

A. K. Mukherjee
B.Tech.(I.I.T.) M. C. A.
M.I.A.B.S.E. (Zurich), M.I.Struch.,E.(I)
F. I. I. R.A.
Architect & Engineer
K.M.C. Regd. No-84 (A)
Council of Architect
Regd. No.-CA/77/3770

SIGNATURE OF ARCHITECT

ASHISH KUMAR MUKHERJEE C.A / 77/3770

CERTIFICATE OF OWNER :-

I DO HERE BY DECLARE WITH FULL RESPONSIBILITY THAT, I SHALL ENGAGE ARCHITECT & ESE DURING CONSTRUCTION. I SHALL FOLLOW THE INSTRUCTION OF ARCHITECT & E.S.E DURING CONSTRUCTION OF THE BUILDING (AS PER PLAN) K.M.C AUTHORITY WILL NOT BE RESPONSIBLE FOR STRUCTURAL STABILITY OF THE BUILDING & ADJONING STRUCTURE IF ANY SUBMIITED DOCUMENT ARE FAKE. THE K.M.C AUTHORITY WILL REVOKE THE SANCTION PLAN. THE CONSTRUCTION OF S.U.G.W.R TAKEN UNDER THE GUIDANCE OF LBA/ESE BEFORE STARTING OF BUILDING FOUNDATION THE PLOT IS IDENTIFIED BY ME AND DULY SIGNED BY ME. IF ANY DISCREPANCY ARISE REGARDING THAT, THEN L.B.A. & K.M.C. AUTHORITY WILL NOT BE RESPONSIBLE FOR THAT AND K.M.C.WILL EVERY RIGHT TO REVOKE THE PLAN..

Dulal Chowdhury

R. S. CONSTRUCTION
Reeti Saha
Partner

R. S. CONSTRUCTION
Reeti Saha
Partner

Samarjit Bhowmick

SIGNATURE OF OWNENS

DULAL CHOWDHURY & SAMARJIT BHOWMICK

PROPOSED PLAN OF G + IV STORIED RESIDENTIAL BUILDING AT PREMISES NO. 91/A, PURBACHAL ROAD, WARD NO. - 106,P. S.- GARFA, BOROUGH - XII, KOLKATA - 700 078, TOUZI NO.- 145, J. L. NO.- 13, R. S. NO.- 2, MOUZA - KASBA, KHATIAN NO.- 1613, DAG NO.- 4130 & 4131, UNDER K. M. C., DIST - 24 PGS (S). PLAN CASE NO.- 2018120397

SCHEDULE OF SLABS

SLAB MKD.	THICKNESS (MM)	REINFORCEMENT							
		SHORTER				LONGER			
		SUPPORT		SPAN		SUPPORT		SPAN	
		TOP	BOTTOM	TOP	BOTTOM	TOP	BOTTOM	TOP	BOTTOM
S	110	8φ@150C/C	8φ@150C/C	8φ@150C/C	8φ@150C/C	8φ@150C/C	8φ@150C/C	8φ@150C/C	8φ@150C/C
S1	125	8φ@150C/C	8φ@150C/C	8φ@150C/C	8φ@150C/C	8φ@150C/C	8φ@150C/C	8φ@150C/C	8φ@150C/C

SCHEDULE OF PILE CAP

PILE CAP MKD.	SIZE OF FOUNDATION		REINFORCEMENT		SIDE REINFORCE	D / d	STRIPS (4 LEDGE)
	LENGTH	WIDTH	TOP	BOTT		12Ø	
PC3	2100 (SEE DRAWING)	2100	16T@150 C/C	20T@150 C/C	150C/C	D - 1000 d - 922	10φ@150 4L C/C
PC4	2100	2100	16T@150 C/C	20T@150 C/C	150C/C	D - 1000 d - 922	10φ@150 4L C/C
PC5	3450	2100	16T@150 C/C	20T@150 C/C	150C/C	D - 900 d - 822	10φ@150 4L C/C

SCHEDULE OF PILE

PILE DIA	CUT OFF LEVEL	BELOW CUT OFF LEVEL	REINFORCE	TIE	FORK SPACEE
450 Ø	1500	19080	10-16φ	8φ@150C/C	25φ@3000C/C

SCHEDULE OF TIE BEAM

BEAM MKD	SIZE	REINFORCEMENT				BINDER
		SUPPORT		MID SPAN		
		TOP	BOTTOM	TOP	BOTTOM	
B1	250 X 400	3 - 16Ø 2 - 12Ø	2 - 16Ø 3 - 12Ø	2 - 16Ø	3 - 16Ø 3 - 12Ø	8Ø @ 150 C/C
B2	250 X 350	2 - 16Ø 3 - 12Ø	4 - 12Ø	2 - 16Ø	4 - 12Ø	8Ø @ 150 C/C
B3	250 X300	2 - 16Ø 2 - 12Ø	4 - 12Ø	2 - 16Ø	4 - 12Ø	8Ø @ 150 C/C

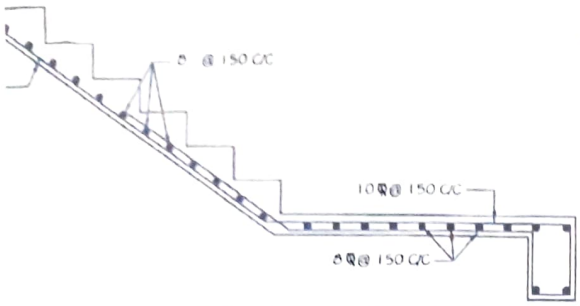
SCHEDULE OF BEAM

BEAM MKD	SIZE	REINFORCEMENT				BINDER
		SUPPORT		MID SPAN		
		TOP	BOTTOM	TOP	BOTTOM	
B	250 X 300	2 - 12 Ø 1 - 12 Ø	2 - 12 Ø	2 - 12 Ø	2 - 12 Ø 1 - 12 Ø	8 Ø@ 200 C/C
B1	250 X 350	2 - 16 Ø 2 - 16 Ø	2 - 16 Ø	2 - 16 Ø	2 - 16 Ø 1 - 16 Ø	8 Ø@ 150 C/C
B2	250 X400	2 - 16 Ø 2 - 16 Ø	2 - 16 Ø	2 - 16 Ø	2 - 16 Ø 1 - 16 Ø	8 Ø@ 150 C/C
B3	250 X450	3 - 16 Ø 2 - 16 Ø	3 - 16 Ø	3 - 16 Ø	3 - 16 Ø 2 - 16 Ø	8 Ø@ 150 C/C
B4	250 X500	3 - 20 Ø 2 - 16 Ø	3 - 20 Ø	3 - 20 Ø	3 - 20 Ø 2 - 16 Ø	8 Ø@ 150 C/C
B1A	200 X350	2 - 16 Ø 2 - 16 Ø	2 - 16 Ø	2 - 16 Ø	2 - 16 Ø 1 - 16 Ø	8 Ø@ 150 C/C

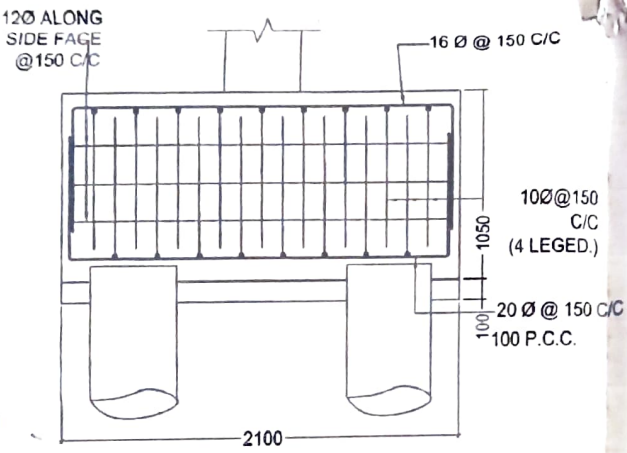
R. S. CONSTRUCTION
Partner

R. S. CONSTRUCTION
Partner

10-16Ø	8Ø@150C/C	25Ø@3000C/C

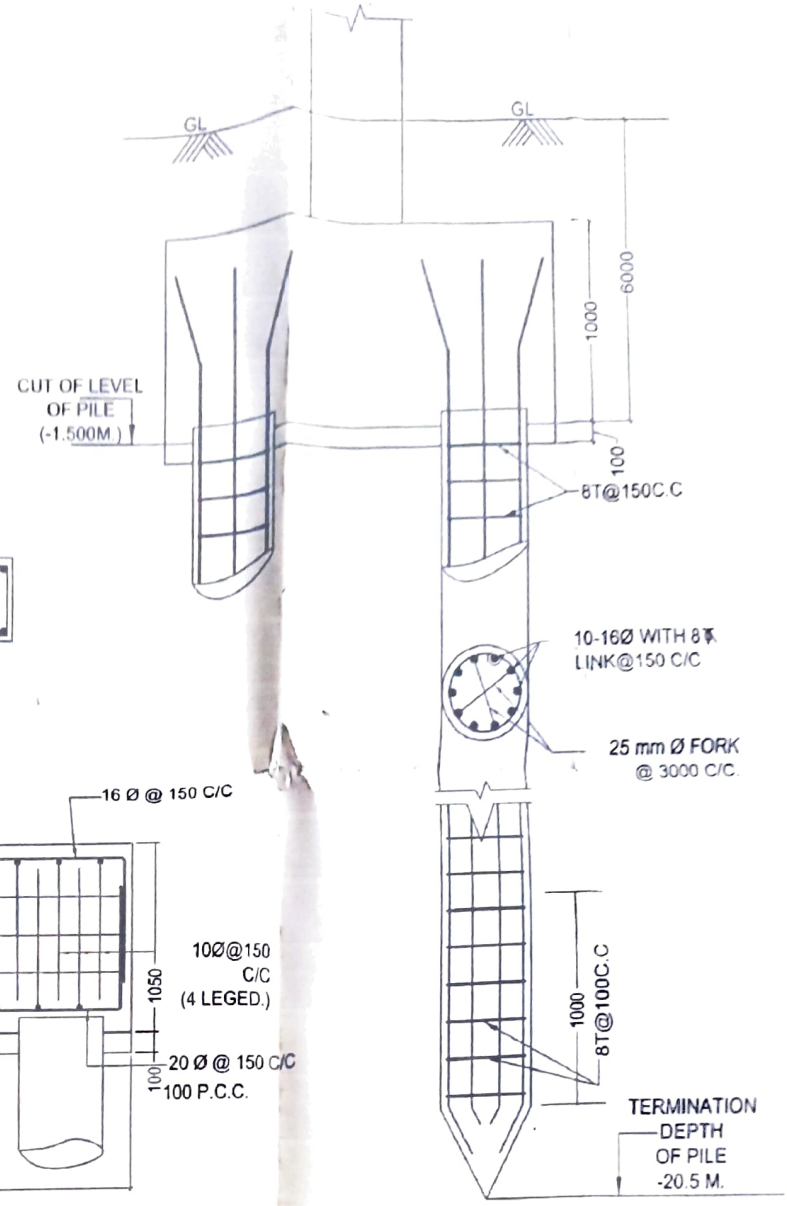


STANDARD DETAILS OF STAIR



TYP. DETAILS OF PILE CAP (MKD - 5P)
SCALE - 1:50

R. S. CONSTRUCTION
Kuta Safui
Partner



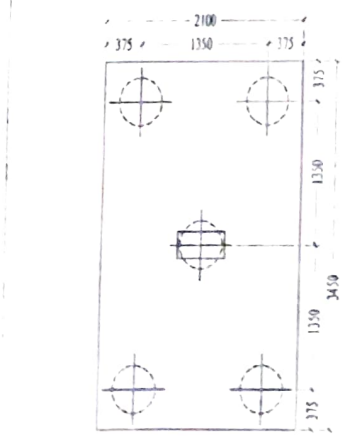
SECTIONAL DETAILS OF PILE
SCALE - 1:25

R. S. CONSTRUCTION
Reeti Safui
Partner

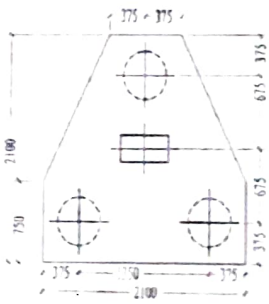
AT SUPPORT AT SPAN

DETAIL OF TIE - BEAM (FOR SIZE & REINF. SEE SCHEDULE)

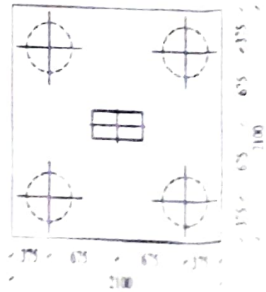
SCALE = 1:25



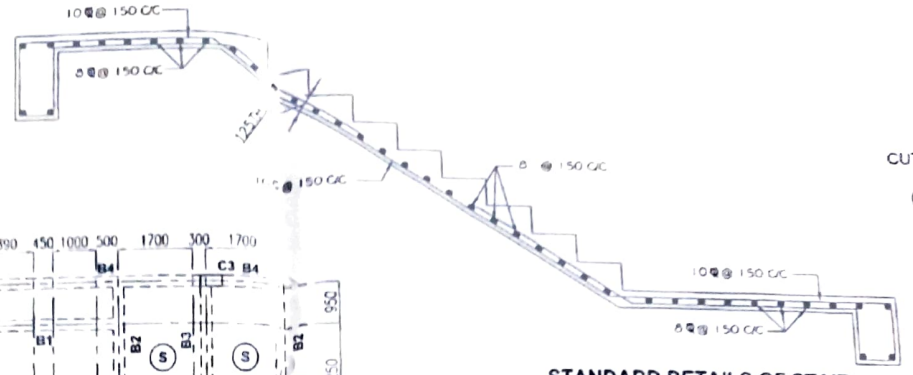
TYP. DETAILS OF PILE CAP (MKD - 5P)
SCALE - 1:50



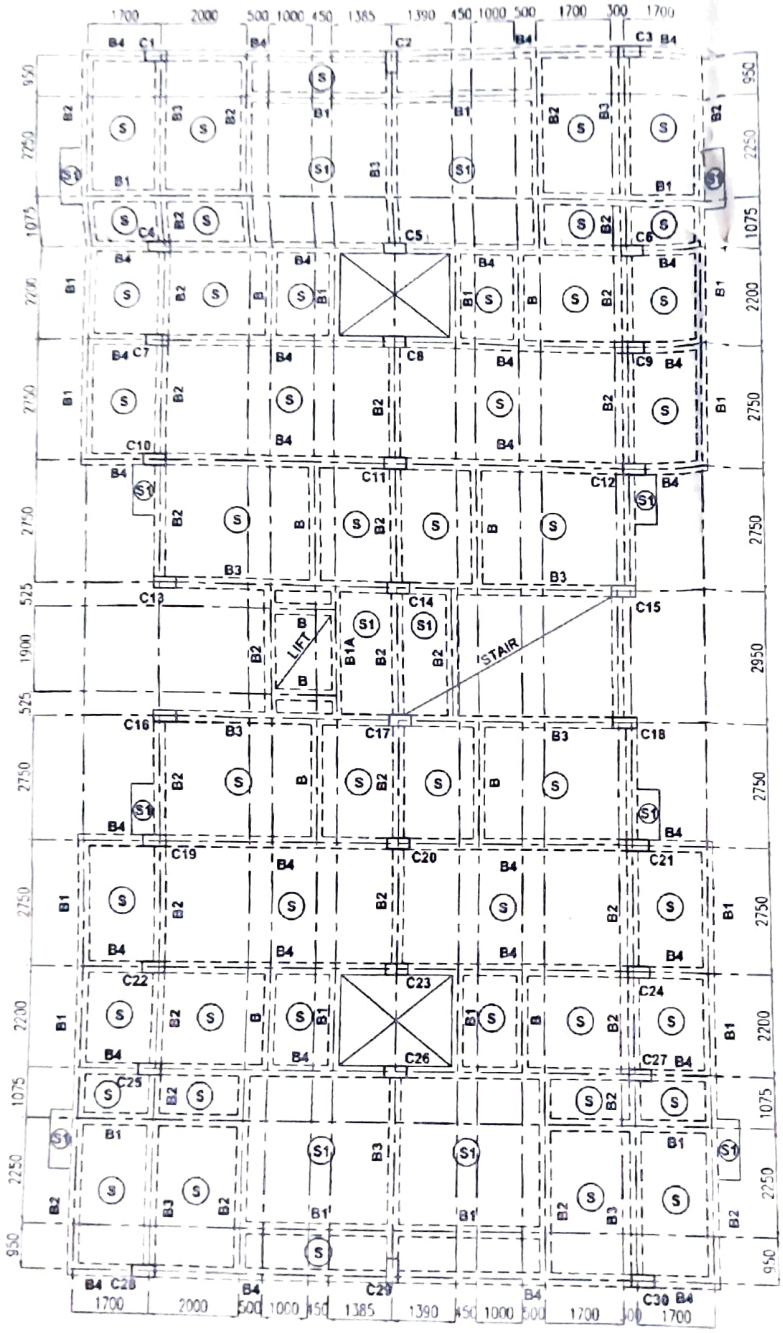
TYP. DETAILS OF PILE CAP (MKD - 3P)
SCALE - 1:50



TYP. DETAILS OF PILE CAP (MKD - 4P)
SCALE - 1:50



STANDARD DETAILS OF STAIR

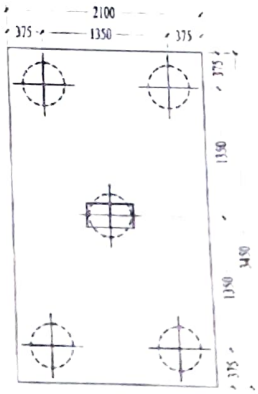


SLAB & BEAM LAYOUT PLAN

(TYPICAL FLOOR)

TYP. DETAILS OF PILE CAP (M

SCALE - 1:50



TYP. DETAILS OF PILE CAP (MKD - 5P)

SCALE - 1:50

AT SUPP

DETAIL OF

TYP. DETAILS

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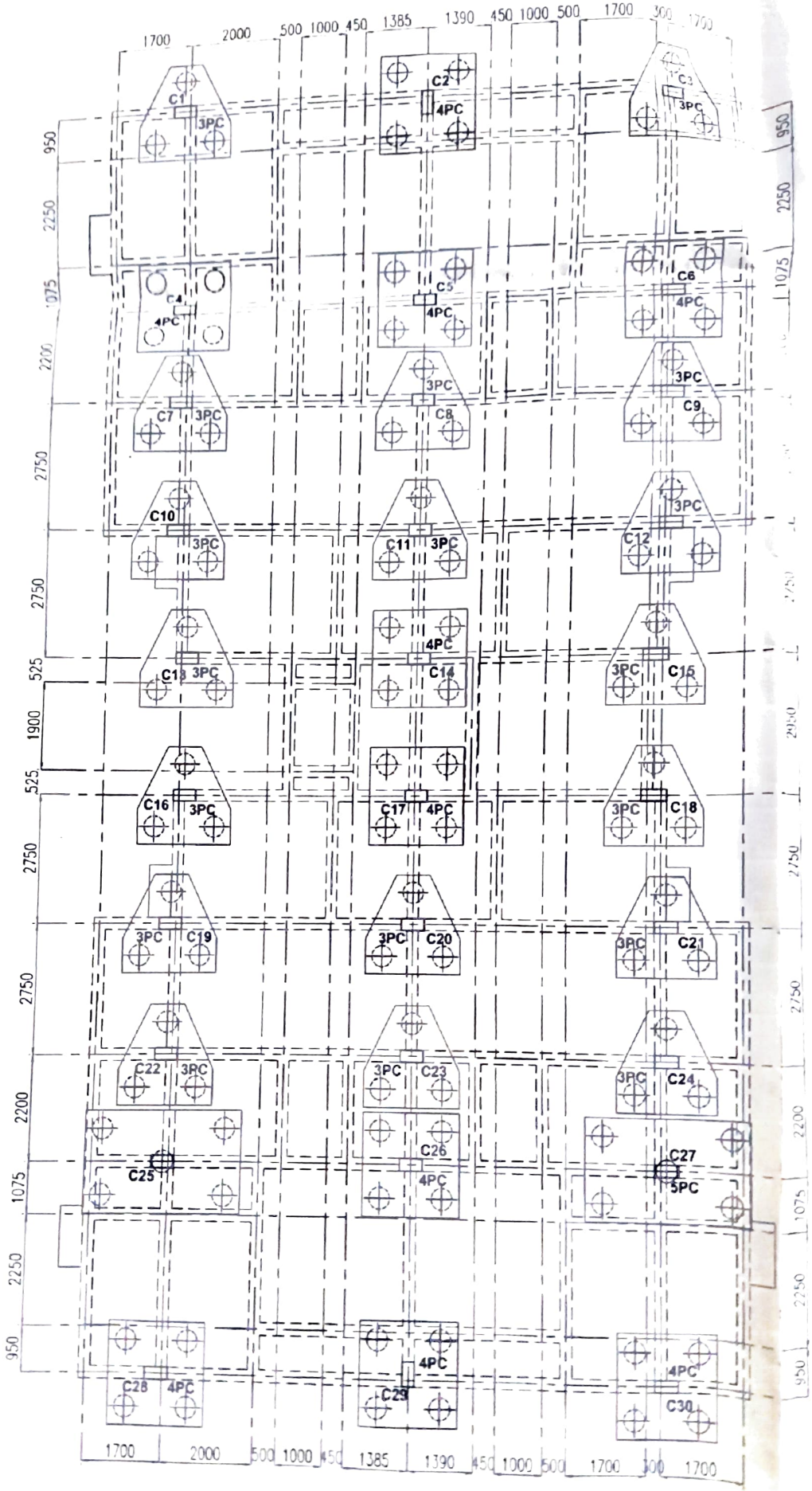
Partner

R. S. CONSTRUCTION
Partner



FOUNDATION LAYOUT PLAN

SCALE - 1:100

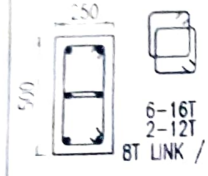
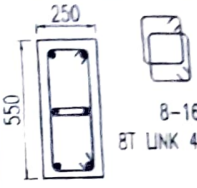
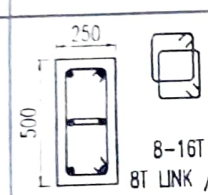
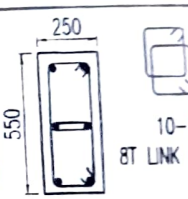
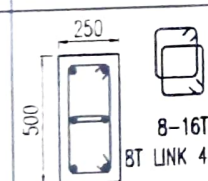
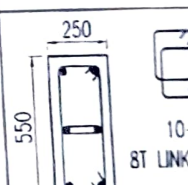
R. S. CONSTRUCTION

Partner

R. S. CONSTRUCTION

Partner

COLUMN SCHEDULE (SCALE 1:25)

3RD TO ABOVE	 6-16T 2-12T 8T LINK / 200	8-16T 8T LINK / 200	8-16T 8T LINK 4L/ 200	4-20T 6-16T 8T LINK 4L/ 200	 8-16T 8T LINK 4L/ 200
1ST TO 3RD	 8-16T 8T LINK / 200	4-20T 4-16T 8T LINK 4L/ 200	8-16T 8T LINK 4L/ 200	10-20T 8T LINK 4L/ 200	 10-16T 8T LINK 4L/ 200
FDN. TO 1ST	 8-16T 8T LINK 4L/ 200	4-20T 6-16T 8T LINK 4L/ 200	10-16T 8T LINK 4L/ 200	12-20T 8T LINK 4L/ 200	 10-16T 8T LINK 4L/ 200
COLUMN MARKED	C8,10,12,13,16,21,22,23,24	C1,3,20	C7,9,11,19	C2,4,5,6,14,17,25 26,27,28,29,30	C15,18

R. S. CONSTRUCTION
Partner

R. S. CONSTRUCTION
Partner

PARTY'S COPY

Structural plan and design calculation as submitted by the structural engineer have been kept with B.P. No. 2020120278 Date 21-12-2020 for record of the Kolkata Municipal Corporation without verification No. deviation from the submitted structural plan should be made at the time of erection without submitting fresh structural plan along with design calculation and stability certificate in the prescribed form, necessary steps should be taken for the safetyof the adjoining premises public and private properties and safety of human life during construction.

EXECUTIVE ENGINEER/ASSTT.ENGINEER
BOROUGH NO. – XII

R. S. CONSTRUCTION
Partner

R. S. CONSTRUCTION
Partner

2018/20297

Building Department Borough-XII
Date 18/12/2020
The Kolkata Municipal Corporation

GENERAL NOTES :

1. THIS DRG. SHALL BE READ IN CONJUNCTION WITH ARCHITECTURAL DRAWING.
2. ALL DIMENSIONS ARE IN M.M., UNLESS STATED OTHERWISE.
3. GRADE OF CONCRETE M-20,STEEL SHALL BE Fe-500
4. FIG. DIMENSIONS SHOULD BE FOLLOWED. HENCE, DO NOT SCALE THE DRAWING
5. ALL LEAN CONCRETE WORK SHALL BE OF 1:4:8 NOMINAL MIX CONCRETE AND SHALL BE 75 M.M THICK, UNLESS OTHERWISE STATED
6. ALL REINFORCEMENT BARS SHOWN THUS T ARE COLD TWISTED DEFORMED BARS (YIELD STRESS fy=415 N/mm)
7. UNLESS OTHERWISE SPECIFIED ON DRAWING THE MINIMUM CLEAR AS FOLLOWS.

	TOP	BOTTOM	SIDES
a)FDN, BEAMS & SLABS.....	50	50	50
b)COLUMN.....	40	40	40
c)BEAM (SUPER STRUCTURE).....	30	30	30
d)SLABS (SUPER STRUCTURE).....	15	15	25

8. UNLESS SPECIFIED OTHERWISE ALL HOOKS, BENDS, LAPS, SPLICES ETC. SHALL BE AS PER LATEST IS:456 AND OTHER RELEVANT INDIAN STANDARD.
9. NOT MORE THAN HALF THE BARS SHALL BE LAPPED AT A SECTION.
10. ANY DIMENSIONS NOT SHOWN IN THIS DRAWING SHOULD BE OBTAINED FROM THE ARCHITECTURAL DRAWINGS.
11. EARTHQUAKE RESISTANT DETAILING SHOULD BE FOLLOWED AT BEAM COLUMN JUNCTION.
12. THE LAPS SHALL BE STAGGERED. NOT MORE THAN 50% OF THE TOTAL REINFORCEMENT SHALL BE LAPPED

DECLARATION OF GEO - TECHNICAL ENG.

UNDERSIGNED HAS INSPECTED THE SITE AND CARRIED OUT SOIL INVESTIGATION THEREON. IT IS CERTIFIED THAT THE EXISTING SOIL OF THE SITE IS ABLE TO CARRY THE LOAD COMING FROM THE PROPOSED CONSTRUCTION AND THE FOUNDATION SYSTEM PROPOSED HEREIN IS SAFE & STABLE IN ALL RESPECT FROM GEO TECHNICAL POINT OF VIEW.

S. Chakraborty

S.CHAKRABORTY
G.T.E.- I 8/1

SIGNATURE OF GEO-TECHNICAL ENG.

STRUCTURAL CERTIFICATE

CERTIFICATE OF STRUCTURAL ENGINEER :-

THE STRUCTURAL DESIGN & DRAWINGS OF BOTH FOUNDATION & SUPERSTRUCTURE OF THE BUILDING HAS BEEN PREPARED BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER NATIONAL BUILDING CODE OF INDIA & CERTIFIED THAT IT IS SAFE & STABLE IN ALL RESPECT. SOIL TEST REPORT HAS BEEN DONE BY MR. S. CHAKRABORTY OF MAS OF 4, GARFA MAIN ROAD, KOLKATA - 75. THE RECOMMENDATION OF REPORT HAS BEEN CONSIDERED DURING STRUCTURAL CALCULATION.

A.K. MUKHERJEE
(REGD. STRUCTURAL ENGINEER)
E.S.E. No. I-126
UNDER K.M.C.

ASHISH KUMAR MUKHERJEE ESE / I / 126

SIGNATURE OF STRUCTURAL ENGINEER

R. S. CONSTRUCTION
Partner

R. S. CONSTRUCTION
Partner