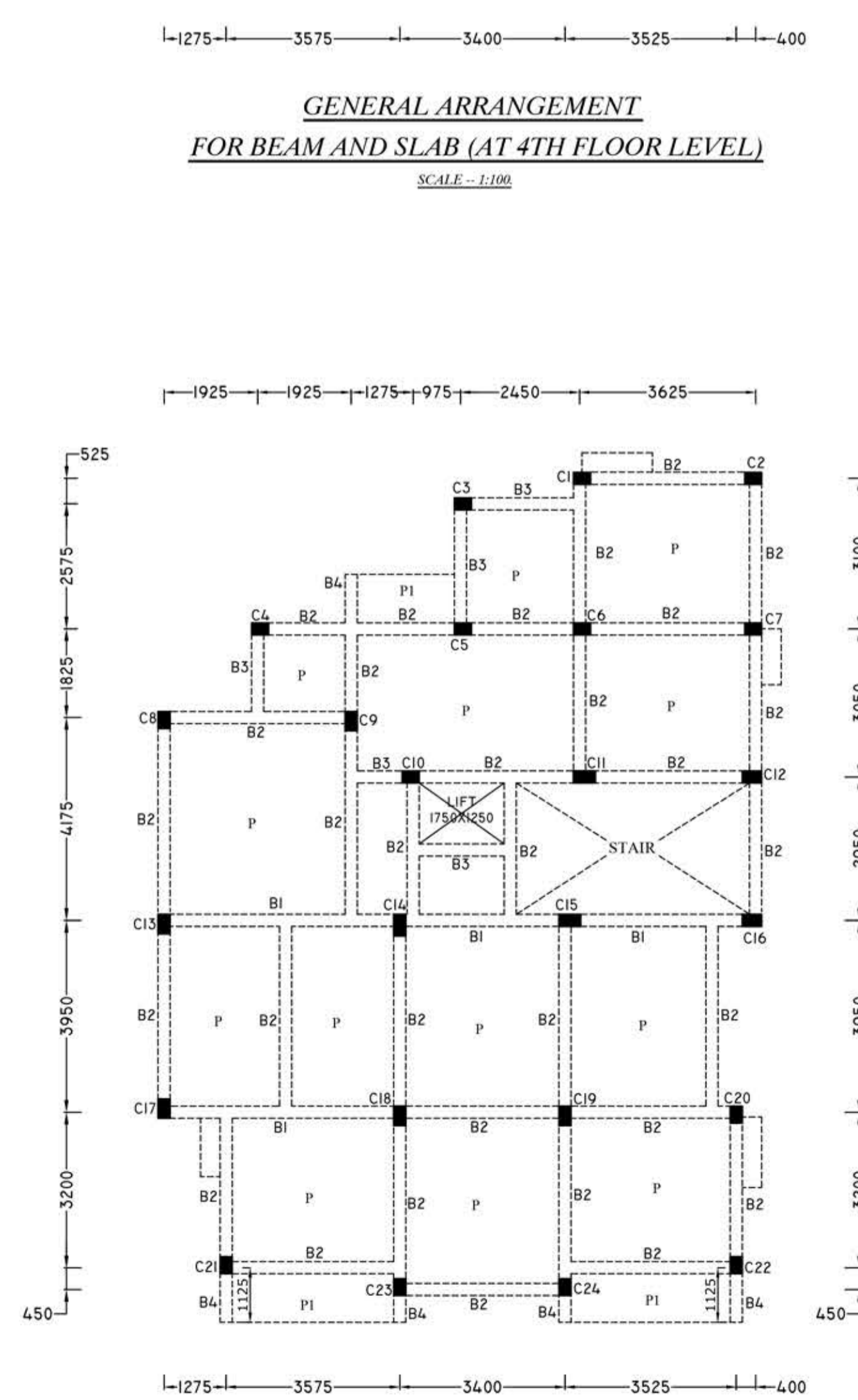
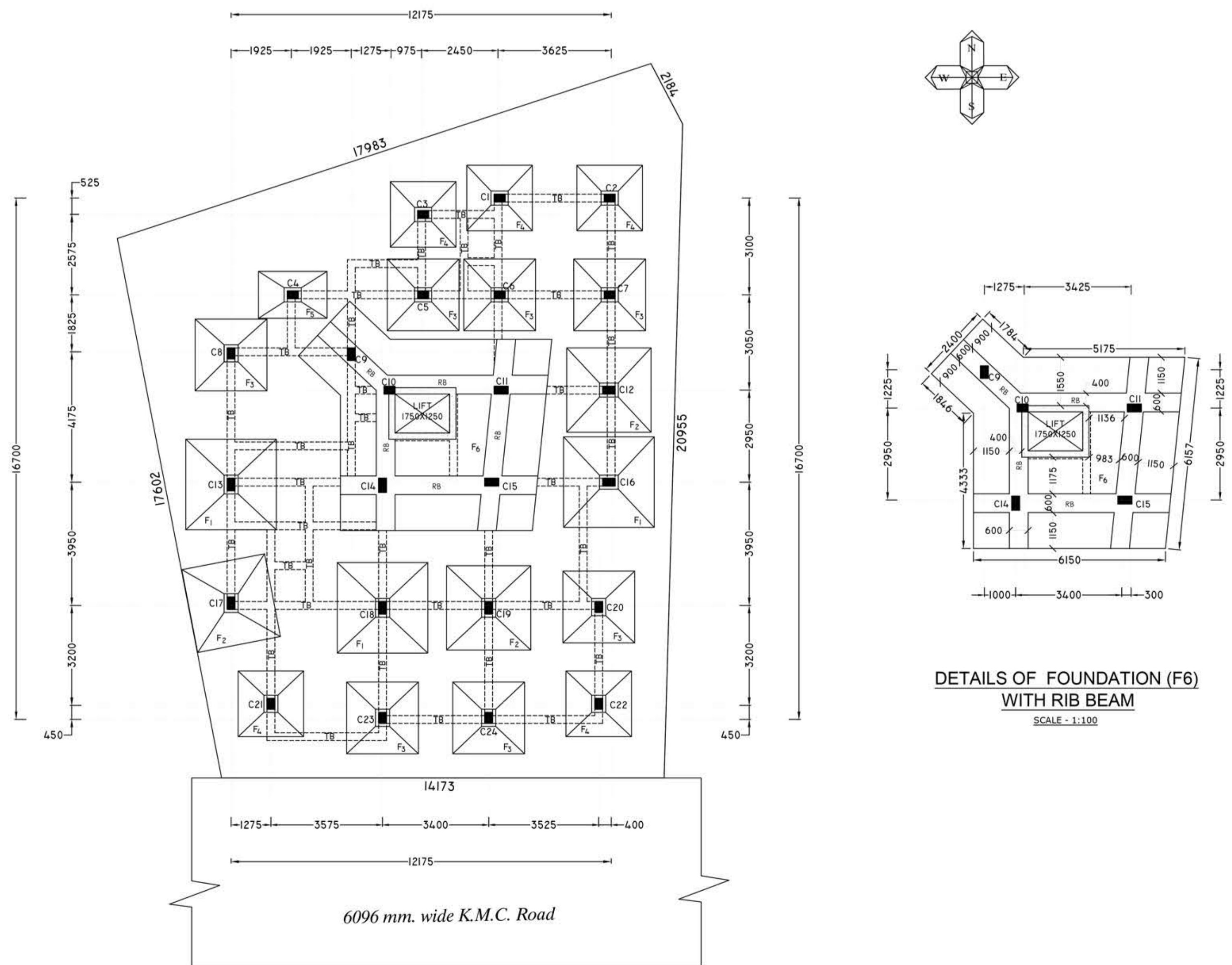
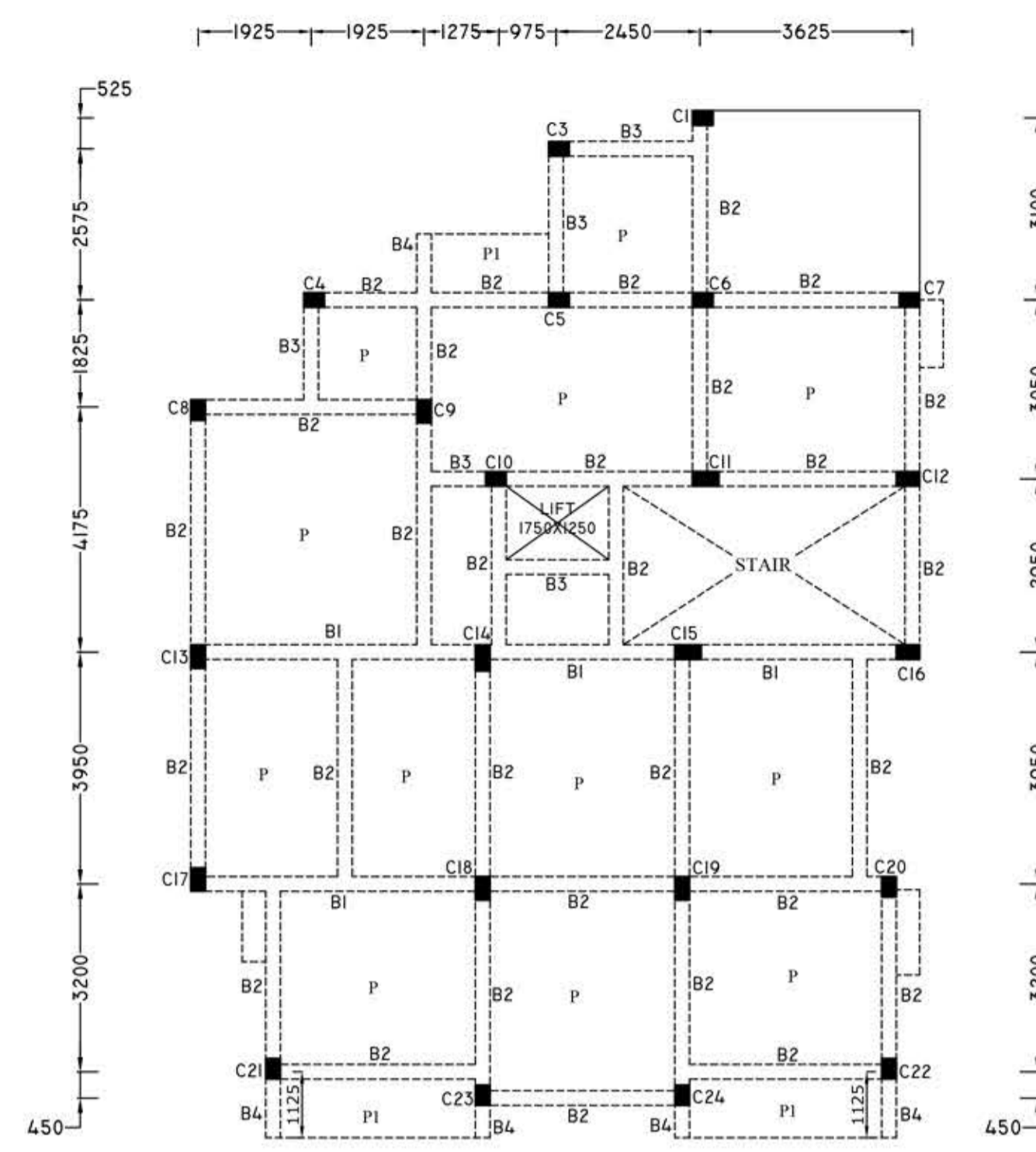
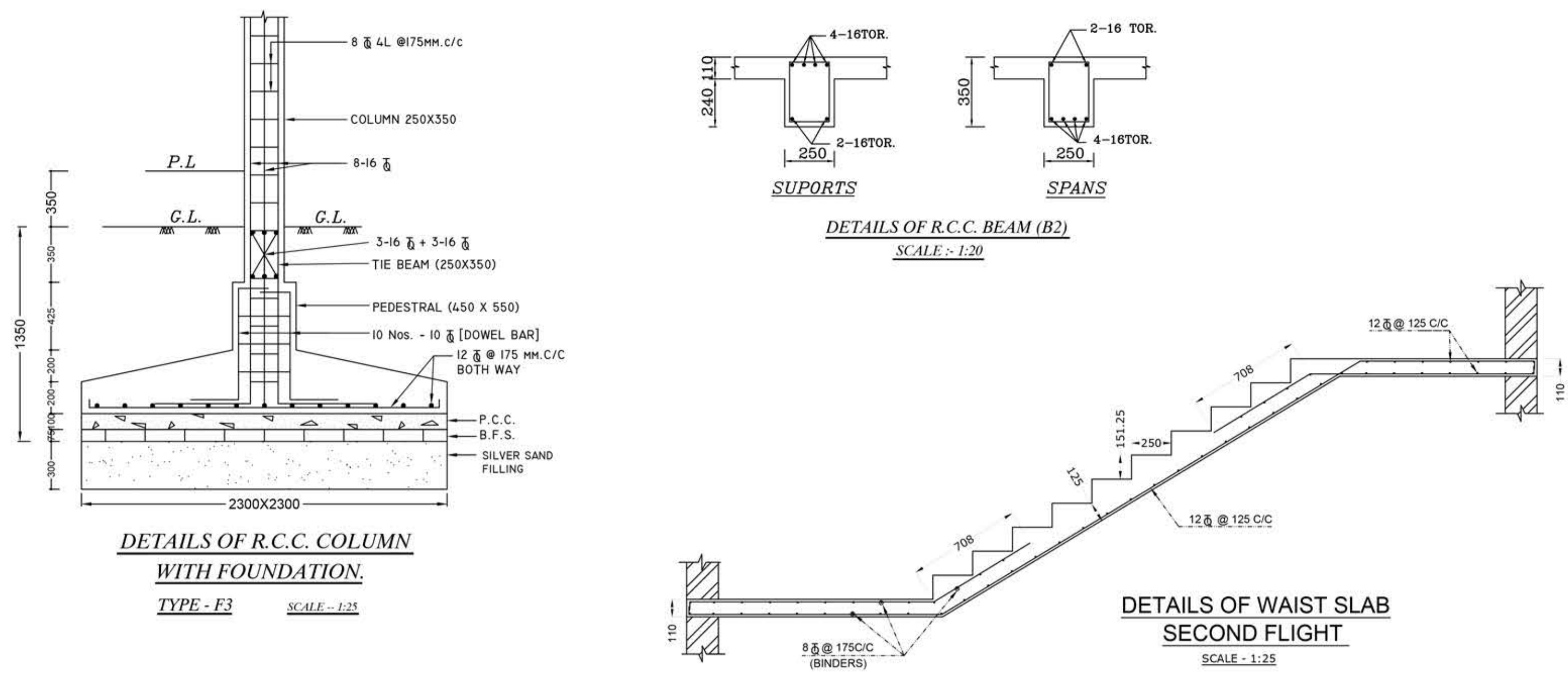


STRUCTURAL PLAN OF PROPOSED G+III STORIED RESIDENTIAL BUILDING FOR SRI PRADIP BISWAS, SRI DILIP BISWAS, SMT. SHIKHA GHOSH, SMT. REKHA CHOWDHURY & MISS KANIKA BISWAS AT PREMISES NO - 111, DIAMOND PARK, WARD NO - 143, BOROUGH NO - XVI, UNDER KOLKATA MUNICIPAL CORPORATION.



**SCHEDULE OF R.C.C. BEAMS :-**

BEAM MKD.	SIZE (MMxMM)	REINF. AT SUPPORT			REINF. AT MID SPAN			REMARKS
		TOP	BOT	STRPS	TOP	BOT	STRPS	
B1	250x400	3-16	2-16	8@2L	2-16	2-16	8@2L	FLOOR BEAM
B2	250x350	2-16	2-16	8@2L	2-16	2-16	8@2L	FLOOR BEAM
B3	250x350	2-12	2-16	8@2L	2-12	2-16	8@2L	FLOOR BEAM
B4	250x350	2-16	2-16	8@2L	---	---	---	CANTILEVER BEAM

**SCHEDULE OF R.C.C. SLABS :-**

SLAB MKD.	THICK. (mm)	AT SHORTER DIRECTION				AT LONGER DIRECTION			
		SUPPORT		SPAN		SUPPORT		SPAN	
		TOP	BOTTOM	TOP	BOTTOM	TOP	BOTTOM	TOP	BOTTOM
P	110	8@150	8@300	---	8@150	8@300	8@300	---	8@150
P1	110	8@150	8@300	---	---	8@150	8@300	---	---

**SCHEDULE OF R.C.C. COL. FOOTINGS :-**

FDN. MKD.	COL. MKD.	PEDESTAL SIZE	FOOTING SIZE	FOOTING DEPTH	FOUNDATION DEPTH	REINFORCEMENT
F1	C13,C16,C18	450 X 650	2900 X 2900	200 TO 450	1350	12 @ 150 C/C (BOTH WAYS)
F2	C12,C17,C19	450 X 600	2700 X 2700	200 TO 450	1350	12 @ 150 C/C (BOTH WAYS)
F3	C5 TO C8, C20,C23,C24	450 X 550	2300 X 2300	200 TO 400	1350	12 @ 175 C/C (BOTH WAYS)
F4	C1,C2,C3, C21,C22	450 X 550	2100 X 2100	200 TO 350	1350	12 @ 175 C/C (BOTH WAYS)
F5	C4	450 X 550	2200 X 1500	200 TO 350	1350	12 @ 175 C/C (BOTH WAYS)
F6	C9,C10,C11, C14,C15	---	42.501 SQ.M	400	1350	12 @ 175 C/C (BOTH WAYS) DOUBLE LAYER REINFORCEMENT

**SCHEDULE OF R.C.C. RIB BEAMS**

BEAM MKD.	SIZE	AT SUPPORT		AT MID SPAN		STIRRUPS
		TOP	BOTTOM	TOP	BOTTOM	
RB	600X800	4-16	4-16	4-16	4-16	8 @ 4L @ 175mm. C/C

**SCHEDULE OF R.C.C. COLUMNS :-**

COL. MKD.	SIZE & REINFORCEMENT			LINKS
	Gr. & First Floor	Second Floor	Third Floor	
C11,C14,C15	250 x 450 12-16	250 x 400 10-16	250 x 350 8-16	8 @ 4L @ 175mm. C/C
C13,C16,C18	250 x 400 10-16	250 x 350 8-16	250 x 350 8-16	8 @ 4L @ 175mm. C/C
C9,C12,C17,C19	250 x 400 8-16	250 x 350 4-16 + 4-12	250 x 300 4-16 + 4-12	8 @ 4L @ 175mm. C/C
C1 TO C8, C20 TO C24	250 x 350 8-16	250 x 300 6-16	250 x 250 4-16	8 @ 4L @ 175mm. C/C
C10	250 x 350 8-16	250 x 300 6-16	250 x 300 6-16	8 @ 4L @ 175mm. C/C

**STRUCTURAL ENGINEER DECLARATION**  
THE STRUCTURAL DESIGN AND DRAWING OF BOTH FOUNDATION AND SUPERSTRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER NATIONAL BUILDING CODE OF INDIA AND CERTIFY THAT IT IS SAFE & STABLE IN ALL RESPECT.

**PRANAB KUMAR DAS B.E.(CIVIL)**  
K.M.C. E.S.E.No.-1/131

Pranab Kumar Das  
E.S.E. - 1/131  
Signature of Structural Engineer

**ARCHITECT DECLARATION**  
I DO HEREBY CERTIFY WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER PROVISION OF K.M.C. BUILDING RULE 2009 AND THAT THE SITE CONDITIONS I/E K.M.C. ROAD CONFORM WITH THE PLAN AND THE SITE IS A BUILDABLE SITE NOT A TANK OR FILLED UP LAND.

**AKASH MONDAL**  
REGISTERED WITH COUNCIL OF ARCHITECTURE  
REGD. NO. CA/19/111545

AR. Akash Mondal  
Regd. with Council of Architecture  
Reg. no.: CA/19/111545  
Signature of Architect

**GEO-TECH. ENGINEER DECLARATION**  
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 FROM THE PROPOSED CONSTRUCTION & THE FOUNDATION SYSTEM PROPOSED HEREIN IS SAFE & STABLE IN ALL RESPECT FROM GEO-TECHNICAL POINT OF VIEW.

**BHASKAR ROY**  
K.M.C. Empanelled Geo-Technical Engineer  
No- G.T-11/2

Bhaskar Roy  
G.T. - 11/2  
Signature of Geo- Technical Engineer

**As Constituted Attorney for & on behalf of**  
Sri Pradip Biswas  
Smt. Shikha Ghosh  
Smt. Rekha Chowdhury  
Miss. Kanika Biswas

**D. D. CONSTRUCTION & PROJECT**  
Proprietor

Sri Dipak Kumar Halder  
Proprietor of D.D. Construction & Project  
C.A. of Sri Pradip Biswas, Sri Dilip Biswas, Smt. Shikha Ghosh, Smt. Rekha Chowdhury Miss Kanika Biswas

Signature of Owners / Applicants

TITLE: SANCTION DRAWING

DRG. NO.	ADS/0051/KMC/STR-01	JOB NO.	ADS/0051
SCALE	1:100	DRAWN BY	SAYONI
DATE	13/02/2023	CHECKED BY	A.MONDAL
ISSUE STATUS	SANCTION		

**AKASHDEEP DESIGN STUDIO**  
ARCHITECTS . ENGINEERS . PLANNERS . DESIGNERS

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