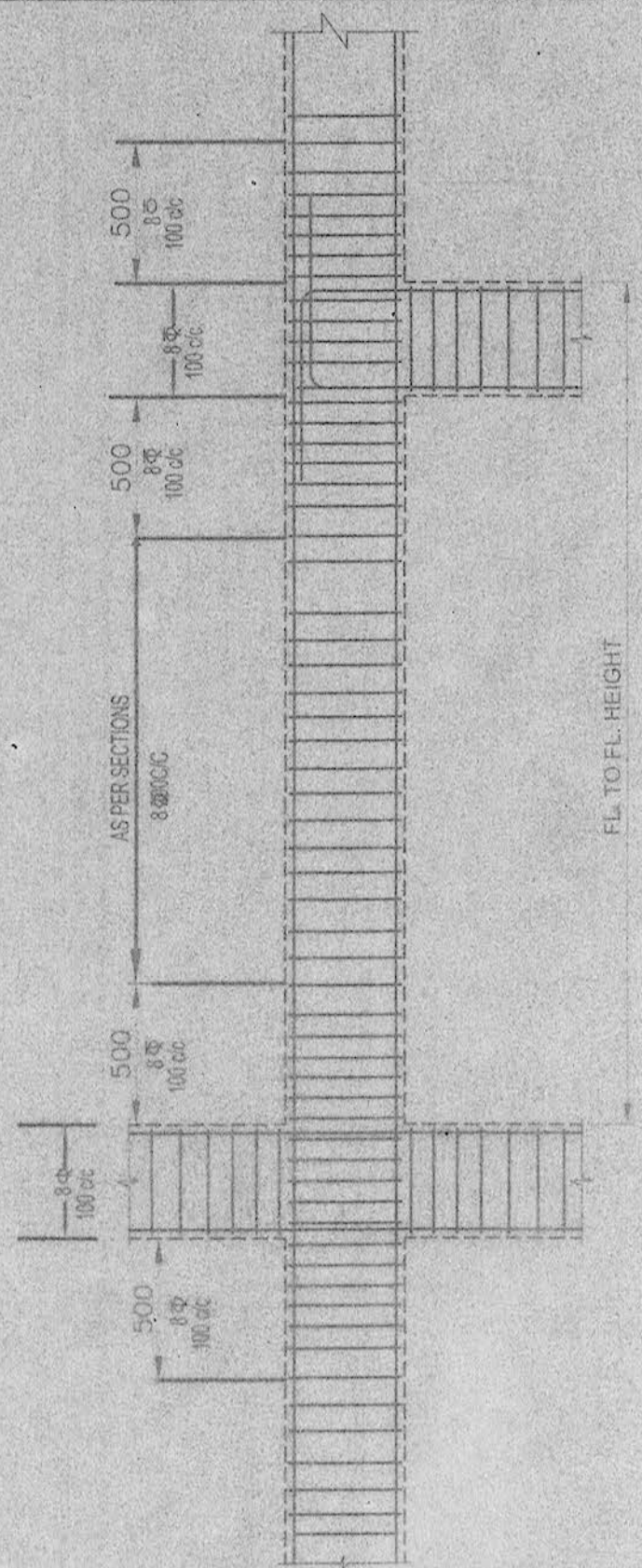


**SCHEDULE OF TIE BEAM (M25 AND FE 500)**

MNO.	SIZE (MMxMM)	TOP		BOT.		STIRRUPS (2 LEGGED)	
		ALTH	EXT (AT SUPRT)	ALTH	EXT (MID SPAN)	AT SUPPORT	AT SPAN
TB1	250x400	2-12#-180T		2-12#-160T		80T@125mm C/C	80T@150mm C/C
TB2	250x400	3-180T		2-160T		80T@125mm C/C	80T@150mm C/C



LONG SECTION OF COLUMN SHOWING LINK DETAILS

**SCHEDULE OF COLUMN-FE 500**

COLUMN NOS.	FOUNDATION TO 2ND. FL.	2ND. FL. TO ROOF
C1	8-160T	8-160T
C2	8-160T	6-16+2-120T
C3	10-200T	6-20+4-160T
C4	10-200T	6-20+4-160T
C5	6-160T+2-120T	4-16+4-120T
C6	6-160T+2-120T	4-16+4-120T
C7	6-160T+2-120T	4-16+4-120T
C8	4-200T+4-160T	8-160T
C9	6-200T+4-160T	10-160T
C10	6-160T+2-120T	4-16+4-120T
C11	6-160T+2-120T	4-16+4-120T
C12	6-160T+2-120T	4-16+4-120T
C13	8-160T	6-16+2-120T
C14	4-200T+4-160T	8-160T
C15	4-200T+2-160T	8-160T
C16	6-160T+2-120T	4-160T+4-120T
C17	6-160T+2-120T	4-160T+4-120T
C18	4-200T+4-160T	8-160T
C19	4-200T+4-160T	8-160T
C20	4-200T+4-160T	4-200T+4-160T

**SCHEDULE OF COLUMN-FE 500**

COLUMN NOS.	FOUNDATION TO 2ND. FL.	2ND. FL. TO ROOF
C21	4-200T+4-160T	8-160T
C22	6-160T+2-120T	4-16+4-120T
C23	4-200T+4-160T	8-160T
C24	4-200T+6-160T	10-160T
C25	8-200T+2-160T	10-160T
C26	4-200T+4-160T	8-160T
C27	4-200T+4-160T	8-160T
C28	8-200T+2-160T	10-160T
C29	8-160T	6-16+2-120T
C30	6-160T+2-120T	4-16+4-120T
C31	10-160T	6-16+4-120T
C32	4-200T+6-160T	10-160T
C33	8-200T	4-20+4-160T
C34	4-200T+4-160T	8-160T
C35	8-160T	6-16+2-120T
C36	8-160T	6-16+2-120T
C37	4-200T+4-160T	8-160T
C38	8-200T+2-160T	10-160T
C39	4-200T+4-160T	8-160T
C40	6-160T+2-120T	4-160T+4-120T

**SCHEDULE OF COLUMN-FE 500**

COLUMN NOS.	FOUNDATION TO 2ND. FL.	2ND. FL. TO ROOF
C41	6-160T+2-120T	4-160T+4-120T
C42	8-160T	8-160T
C43	4-200T+6-160T	10-160T
C44	4-200T+4-160T	8-160T
C45	6-160T+2-120T	4-160T+4-120T
C46	4-200T+4-160T	8-160T
C47	10-160T	6-16+4-120T
C48	4-200T+4-160T	8-160T
C49	6-160T+2-120T	4-160T+4-120T
C50	6-160T+2-120T	4-160T+4-120T
C51	6-160T+2-120T	4-160T+4-120T
C52	6-160T+2-120T	4-160T+4-120T
C53	6-160T+2-120T	4-160T+4-120T
C54	6-160T+2-120T	4-160T+4-120T
C55	6-160T+2-120T	4-160T+4-120T
C56	6-160T+2-120T	4-160T+4-120T
C57	6-160T+2-120T	4-160T+4-120T
C58	8-160T	6-16+2-120T
C59	8-160T	6-16+2-120T
C60	6-160T+2-120T	4-160T+4-120T

1. ALL DIMENSIONS ARE IN MM
2. CONCRETE GRADE TO BE ADOPTED M20 UNLESS MENTIONED.
3. COVER TO REINFORCEMENT  
COLUMN = 40mm, BEAM = 30mm  
SLAB = 15mm, FOUNDATION = 50mm
4. DO NOT SCALE THE DRAWING. FOLLOW WITH DIMENSION.
5. ALL EXTERNAL WALLS ARE 200mm THK. & INTERNAL WALLS ARE
6. LEAN CONCRETE (1:3:6) NOMINAL MIX 75 THK. SHALL BE PROVIDED
7. EXTERNAL PLASTER 15mm THK. IN CEMENT MORTAR GRADE (1:5)
8. INTERNAL PLASTER 12mm THK. IN CEMENT MORTAR GRADE (1:5)
9. ALL CEILING PLASTER 6mm THK. IN CEMENT MORTAR GRADE (1:4)
10. USE 300GSM/LDP SHEET BELOW P.C.C.
11. THE STRUCTURAL DESIGNER IS RESPONSIBLE FOR THE DESIGN ONLY THE CONSTRUCTION, SUPERVISION FALLS OUTSIDE THE PERVIEW OF

**DECLARATION OF E.B.A.**

I HAVE CERTIFIED ON THE PLAN ITSELF WITH FULL RESPONSIBILITY THAT BUILDING RULES 1960 AS AMENDED FROM TIME TO TIME AND THAT THE SITE CONDITIONS INCLUDING THE ABUTTING ROAD CONFORM WITH THE PLAN AND THAT THIS IS A BUILDABLE SITE AND NOT A TANK OR A FILLED UP LAND.

SUBIR CHANDRA SANYAL  
B.C.E., A.M.I., STRUCT. E. (I)  
E.S.E. NO. 840, CLASS-I  
E.S.E. NO. 007, CLASS-I  
RAJPUR, SONARPUR MUNICIPALITY

SIGNATURE OF E.B.A.

**STRUCTURAL CERTIFICATE**

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

SUBIR CHANDRA SANYAL  
B.C.E., A.M.I., STRUCT. E. (I)  
E.S.E. NO. 840, CLASS-I  
E.S.E. NO. 007, CLASS-I  
RAJPUR, SONARPUR MUNICIPALITY

SIGNATURE OF STRUCTURAL ENGINEER (E.S.E. NO. 007)

**ALOK ROY**  
Enlisted Geotechnical Engineer  
Rajpur-Sonarpur Municipality  
No.- 008 / G.T. Eng. Class-I

SIGNATURE OF GEOTECHNICAL ENGINEER

As Lawfully Constituted Attorney at Law  
AKHILA MONDAL, FARHATULLA MONDAL, NAZRUL MONDAL, NURNEHAR BIBI SARDAR, NURJABAN MONDAL, SAHEBUDDIN MONDAL, HURUDDIN MONDAL, AMINUDDIN MONDAL, EASHAK ALI MONDAL

SUBIR CHANDRA SANYAL  
B.C.E., A.M.I., STRUCT. E. (I)  
E.S.E. NO. 840, CLASS-I  
E.S.E. NO. 007, CLASS-I  
RAJPUR, SONARPUR MUNICIPALITY

SIGNATURE OF E.B.A.

PROJECT: SAHIDA KAZI KESHIDA BIBI SEKH  
**STRUCTURAL DRAWING FOR A PROPOSED G+IV STORED RESIDENTIAL BUILDING AT AT HOLDING NO. 513, PAIKPARA ROAD, R.S.DAG NO. 2307, L.R. DAG NO. -2300,2297-2299,2287, 2286,R.S. KHATIAN NO. - 440,L.R. KHATIA NO. - 578, 2359 - 2369, 2375-2379,J.L. NO. - 56, WARD NO. 26, MOUZA- UKHILA PAIKPARA,P.S.-SONARPUR,DIST.-24PGS.(S), UNDER RAJPUR SONARPUR MUNICIPALITY**

NAME OF OWNER: SAHABUDDIN MONDAL AND OTHERS

DRAWN - surajit	SCALE - 1/100
DESIGNED - surajit	DATE - 20.04.2018
CHECKED - suparna	JOB NO
APPROVED	

**Sanyalson Associates**  
Consultant Pvt. Ltd.  
CONSULTANT PLANNER & STRUCTURAL ENGINEERS  
P-197, KANUNGO PARK, KOLKATA-84

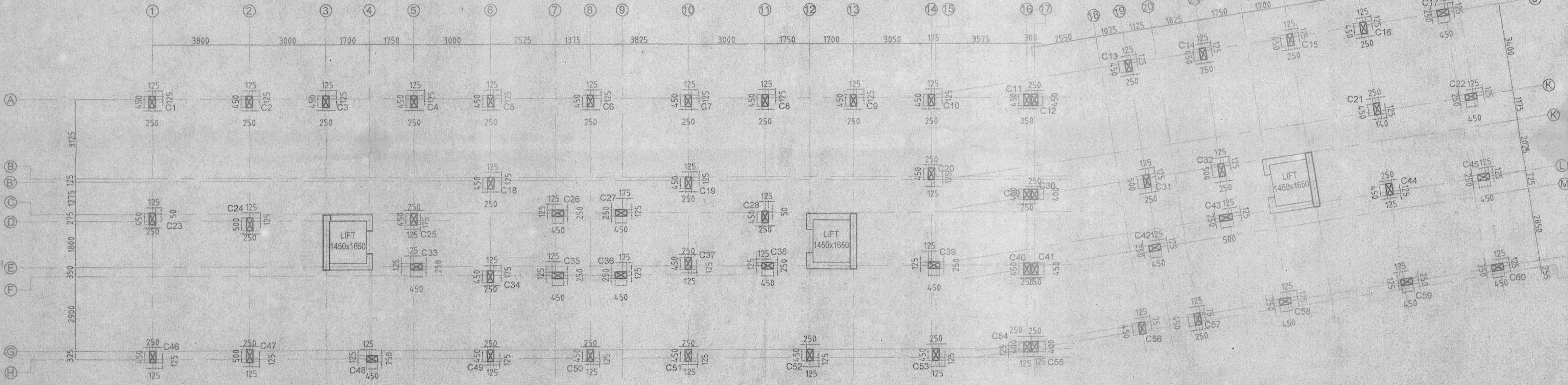
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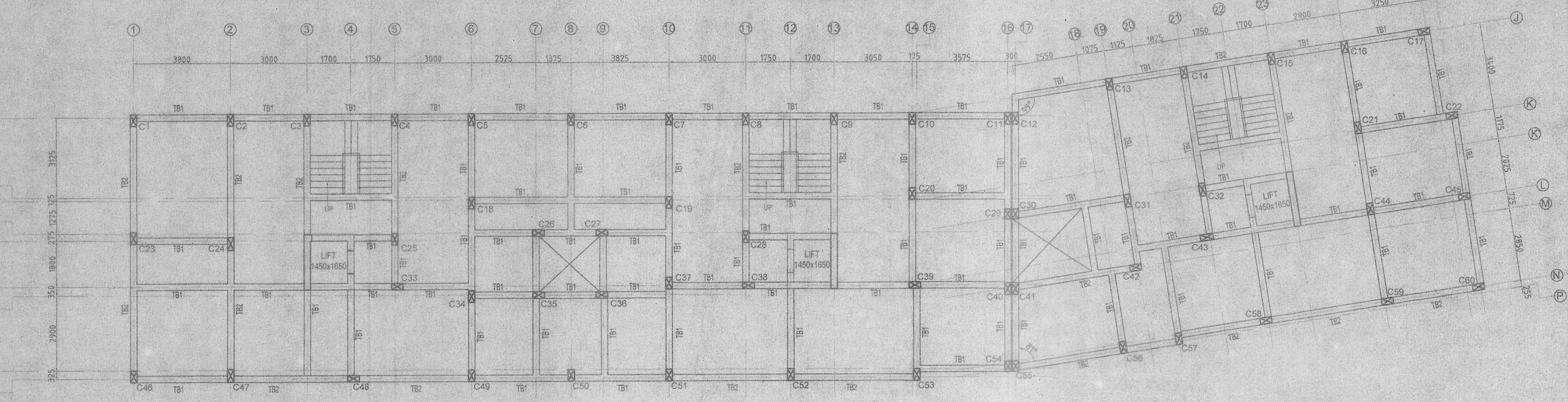
**APPROVAL OF S.A.E**

Structural plan as submitted by the structural engineer have been kept with Building Plan No. 103/23/2018. Detail on 11/09/2018 for record of the Rajpur Sonarpur Municipality without Verification No. deviation from the submitting 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 safety of the adjoining premises public/private properties and safety of human life during construction

11/09/18  
Sig. of Assistant Engineer.  
Incharge F.W.D  
RAJPUR SONARPUR MUNICIPALITY



COLUMN LAYOUT PLAN BLOCK-3



TIE BEAM LAYOUT PLAN BLOCK-3