

SCHEDULE OF FLOOR BEAM (M20 AND FE 500)

NO.	SIZE (MMxMM)	TOP		BOT		STIRRUPS (LEGGED)	
		ALTH	EXT. (NO. SUPP.)	ALTH	EXT. (NO. SPAN)	AT SUPPORT	AT SPAN
B1	250x450	2-160T	2-160T	2-160T	2-160T	80T@125mm CC	80T@150mm CC
B2	250x450	2-160T	2-200T	2-160T	2-200T	80T@125mm CC	80T@150mm CC
B2A	250x450	2-160T	2-200T	2-160T	2-200T	80T@125mm CC	80T@150mm CC
B3	250x450	3-160T	2-160T	3-160T	2-160T	80T@125mm CC	80T@150mm CC
B4	250x450	2-160T	2-200T	2-160T	2-160T	80T@125mm CC	80T@150mm CC
B5	250x450	2-120T	3-160T	3-160T	2-120T	80T@125mm CC	80T@150mm CC
B6	250x450	2-150T	2-160T	2-160T	2-120T	80T@125mm CC	80T@150mm CC
B7	250x450	2-160T	2-200T	2-160T	2-150T	80T@125mm CC	80T@150mm CC
B8	250x450	4-160T	-	4-160T	2-120T	80T@125mm CC	80T@150mm CC
B9	250x450	2-200T	2-200T	2-200T	2-200T	80T@125mm CC	80T@150mm CC
B10	250x450	3-160T	2-200T	3-160T	2-200T	80T@125mm CC	80T@150mm CC
B11	250x450	2-160T	-	4-160T	-	80T@125mm CC	80T@150mm CC
B12	250x450	3-160T	2-200T	3-160T	2-120T	80T@125mm CC	80T@150mm CC
RKS	250x450	4-160T	-	4-160T	-	80T@125mm CC	80T@150mm CC

SCHEDULE OF SLAB (S1)
SLAB THICKNESS AS MENTIONED :- 115 MM (ALONG SHORTER DIRECTION) (M20 AND FE 500)

SUPPORT	8mm@150mm c/c at top of support & extended upto L/3 from beam.
SPAN	8mm@165mm c/c at span & alternately curtailed at L/4 from beam.

SCHEDULE OF SLAB (S2)
SLAB THICKNESS AS MENTIONED :- 135 MM (ALONG SHORTER DIRECTION) (M20 AND FE 500)

SUPPORT	8mm@135mm c/c at top of support & extended upto L/3 from beam.
SPAN	8mm@150mm c/c at span & alternately curtailed at L/4 from beam.

SCHEDULE OF SLAB (S3)
SLAB THICKNESS AS MENTIONED :- 150 MM (ALONG SHORTER DIRECTION) (M20 AND FE 500)

SUPPORT	8mm@125mm c/c at top of support & extended upto L/3 from beam.
SPAN	8mm@125mm c/c at span & alternately curtailed at L/4 from beam.

SLAB THICKNESS AS MENTIONED :- 125 MM (ALONG LONGER DIRECTION) (M20 AND FE 500)

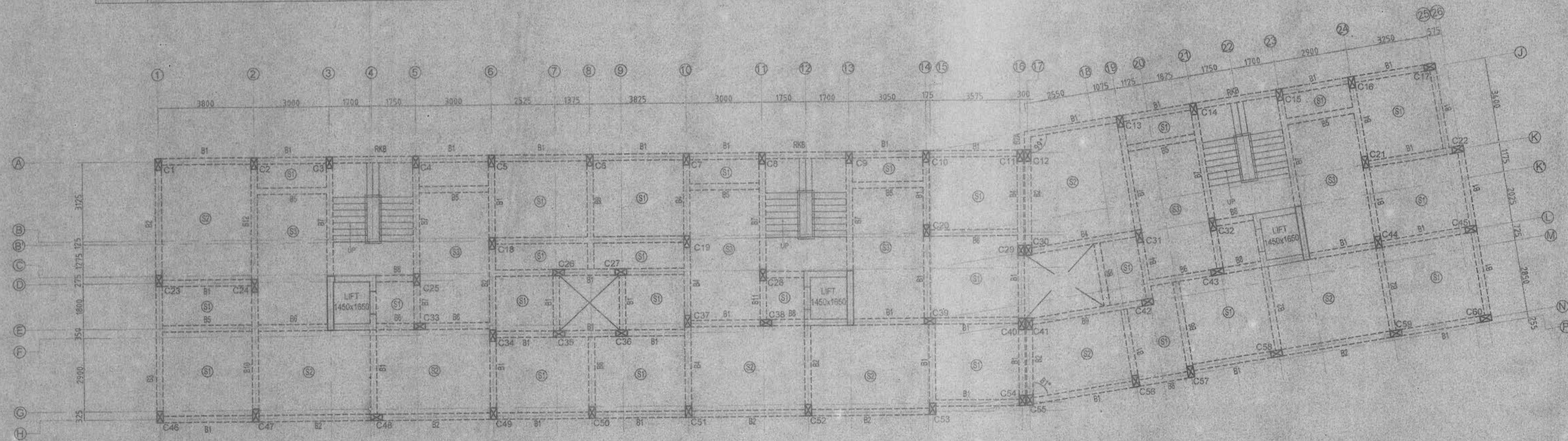
SUPPORT	8mm@165mm c/c at top of support & extended upto L/3 from beam.
SPAN	8mm@175mm c/c at span & alternately curtailed at L/4 from beam.

SLAB THICKNESS AS MENTIONED :- 135 MM (ALONG LONGER DIRECTION) (M20 AND FE 500)

SUPPORT	8mm@150mm c/c at top of support & extended upto L/3 from beam.
SPAN	8mm@165mm c/c at span & alternately curtailed at L/4 from beam.

SLAB THICKNESS AS MENTIONED :- 125 MM (ALONG LONGER DIRECTION) (M20 AND FE 500)

SUPPORT	8mm@135mm c/c at top of support & extended upto L/3 from beam.
SPAN	8mm@150mm c/c at span & alternately curtailed at L/4 from beam.



TYPICAL FLOOR BEAM LAYOUT PLAN BLOCK-3

- ALL DIMENSIONS ARE IN MM
- CONCRETE GRADE TO BE ADOPTED M20 UNLESS MENTIONED
- COVER TO REINFORCEMENT
COLUMN = 40mm - BEAM = 20mm
SLAB = 15mm - FOUNDATION = 50mm
- DO NOT SCALE THE DRAWING. FOLLOW WITH DIMENSION
- ALL EXTERNAL WALLS ARE 200mm THK & INTERNAL WALLS ARE
- LEAN CONCRETE (1:3:6) NOMINAL MIX IS THK. SHALL BE PROVIDED
- EXTERNAL PLASTER 15mm THK IN CEMENT MORTAR GRADE (1:3)
- INTERNAL PLASTER 12mm THK IN CEMENT MORTAR GRADE (1:3)
- ALL CEILING PLASTER 8mm THK IN CEMENT MORTAR GRADE (1:3)
- USE 200GSM LDP SHEET BELOW P.C.C.

NO. 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 1990 AS AMENDED FROM TIME TO TIME AND THAT THE SITE CONDITIONS INCLUDING THE ADJUTING ROAD CONFORM WITH THE PLAN AND THAT IT IS A BUILDABLE SITE AND NOT A TANK OR A FILLED UP LAND.

SUBIR CHANDRA SANJAL
E.S.E. NO. 008 / G.T. Eng., Class-1
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 SANJAL
E.S.E. NO. 008 / G.T. Eng., Class-1
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-1

SIGNATURE OF GEOTECHNICAL ENGINEER

As Lawy...
AKL...
RAJ...
NUR...
SAH...
NUR...
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EASHAK ALI MONDAL

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NUR...
SAH...
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EASHAK ALI MONDAL

SUBIR CHANDRA SANJAL
E.S.E. NO. 008 / G.T. Eng., Class-1
RAJPUR - SONARPUR MUNICIPALITY

SIGNATURE OF E.B.A.

PROJECT
STRUCTURAL DRAWING FOR A PROPOSED G+IV STORIED 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 - sumjo	SCALE - 1:100
DESIGNED - suparna	DATE - 20.04.2018
CHECKED - suparna	JOB NO.
APPROVED	

Sanyalson Associates Consultant Pvt. Ltd.
CONSULTANT PLANNER & STRUCTURAL ENGINEERS
P-157 KANUNGO PARK KOLKATA-94

DWG NO. 07/07 BLOCK - 3



APPROVAL OF S.A.E

OFFICE USE ONLY
Structural plan as submitted...
Building Plan No. 107/09/26/PS Dated 11/09/2018
for record of the Rajpur-Sonarpur Municipality...
deviation from the submitted structural plan...
erection without submitting these 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 properties and safety of human life during construction

Signature of S.A.E
Tech. Charge, P.W.D.
RAJPUR-SONARPUR MUNICIPALITY