

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

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 :- 115 MM (M20 AND FE 500)
(ALONG LONGER DIRECTION)

SUPPORT 8mm@ 175mm c/c at top of support & extended upto L/3 from beam.
SPAN 8mm@ 200mm c/c at span & alternately curtailed at L/4 from beam.

SCHEDULE OF SLAB (S3)
SLAB THICKNESS AS MENTIONED :- 135 MM (M20 AND FE 500)
(ALONG SHORTER DIRECTION)

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 (S4)
SLAB THICKNESS AS MENTIONED :- 135 MM (M20 AND FE 500)
(ALONG LONGER DIRECTION)

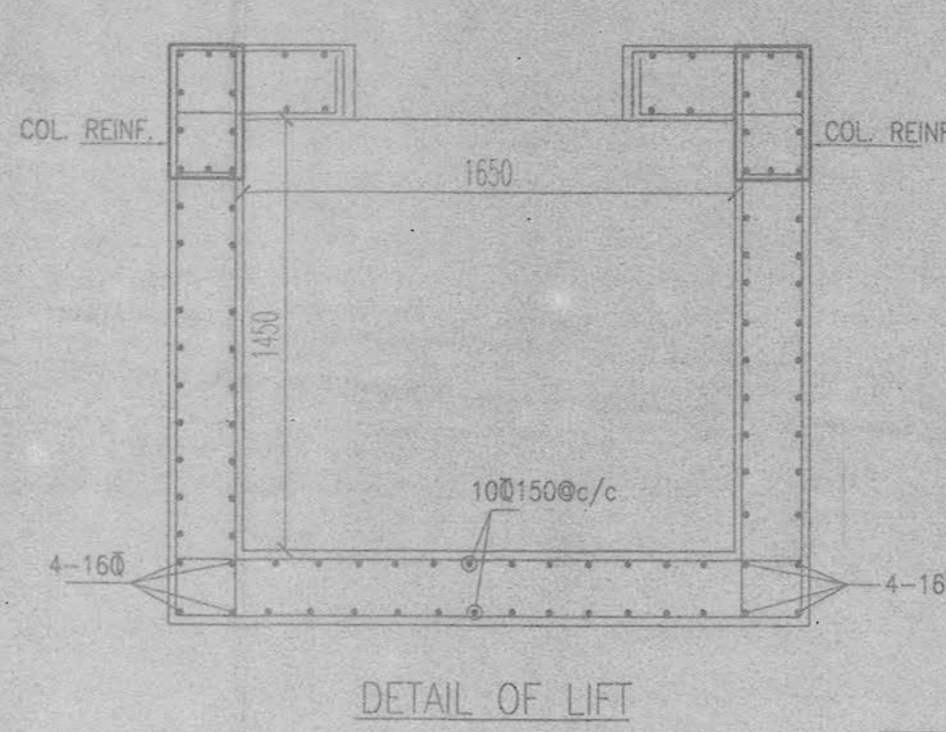
SUPPORT 8mm@ 165mm c/c at top of support & extended upto L/3 from beam.
SPAN 8mm@ 175mm c/c at span & alternately curtailed at L/4 from beam.

SCHEDULE OF SLAB (S1)
SLAB THICKNESS AS MENTIONED :- 125 MM (M20 AND FE 500)
(ALONG SHORTER DIRECTION)

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.

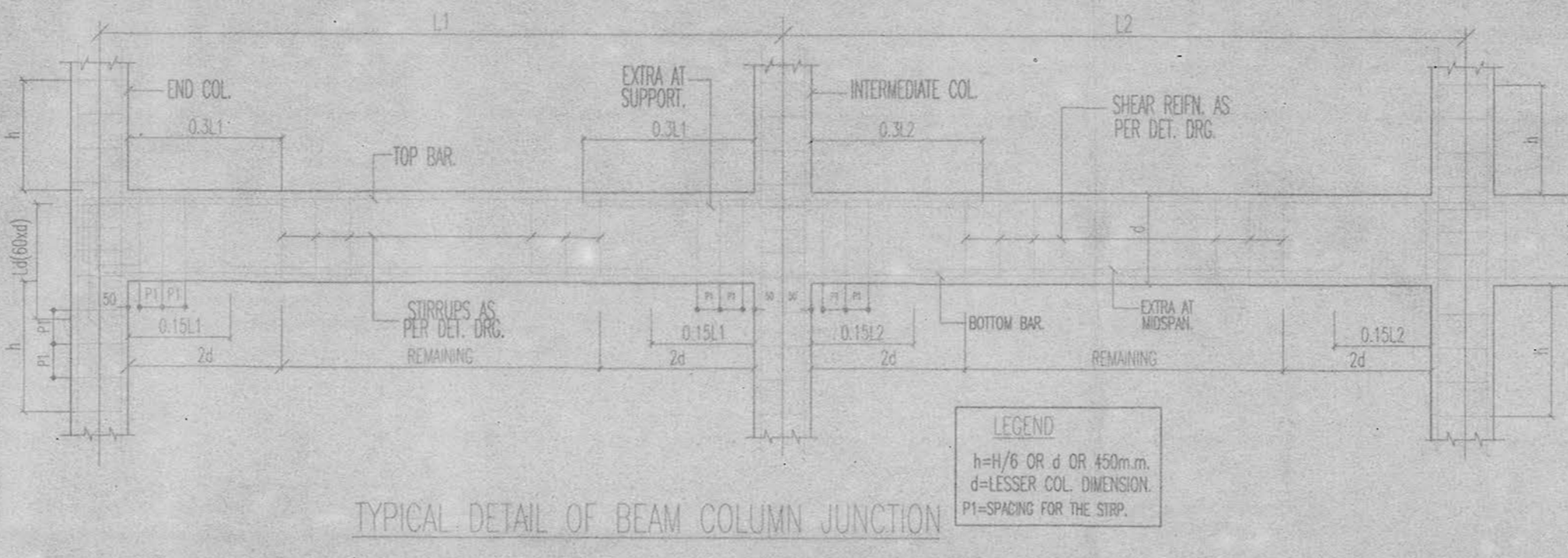
SCHEDULE OF SLAB (S2)
SLAB THICKNESS AS MENTIONED :- 125 MM (M20 AND FE 500)
(ALONG LONGER DIRECTION)

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.



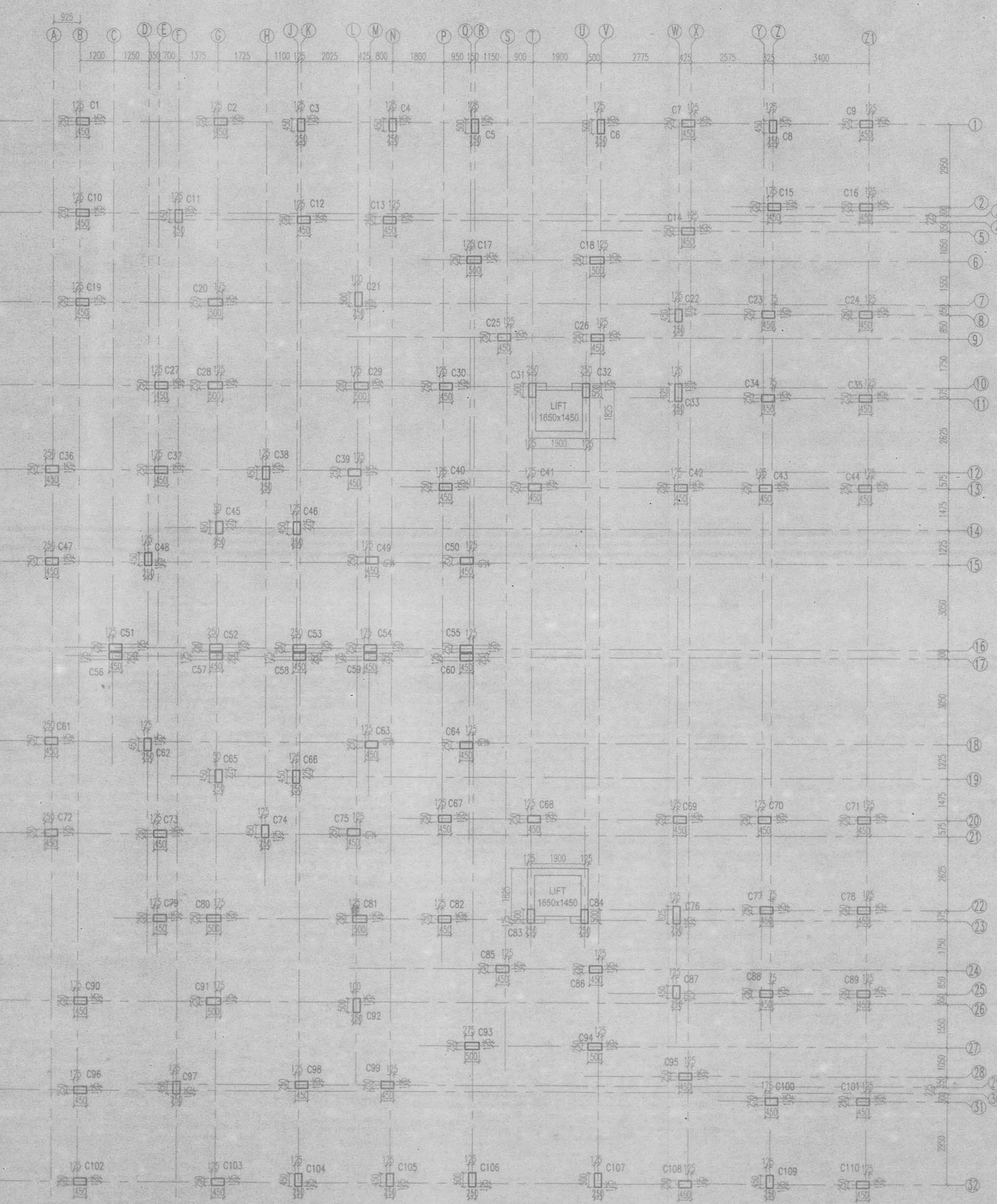
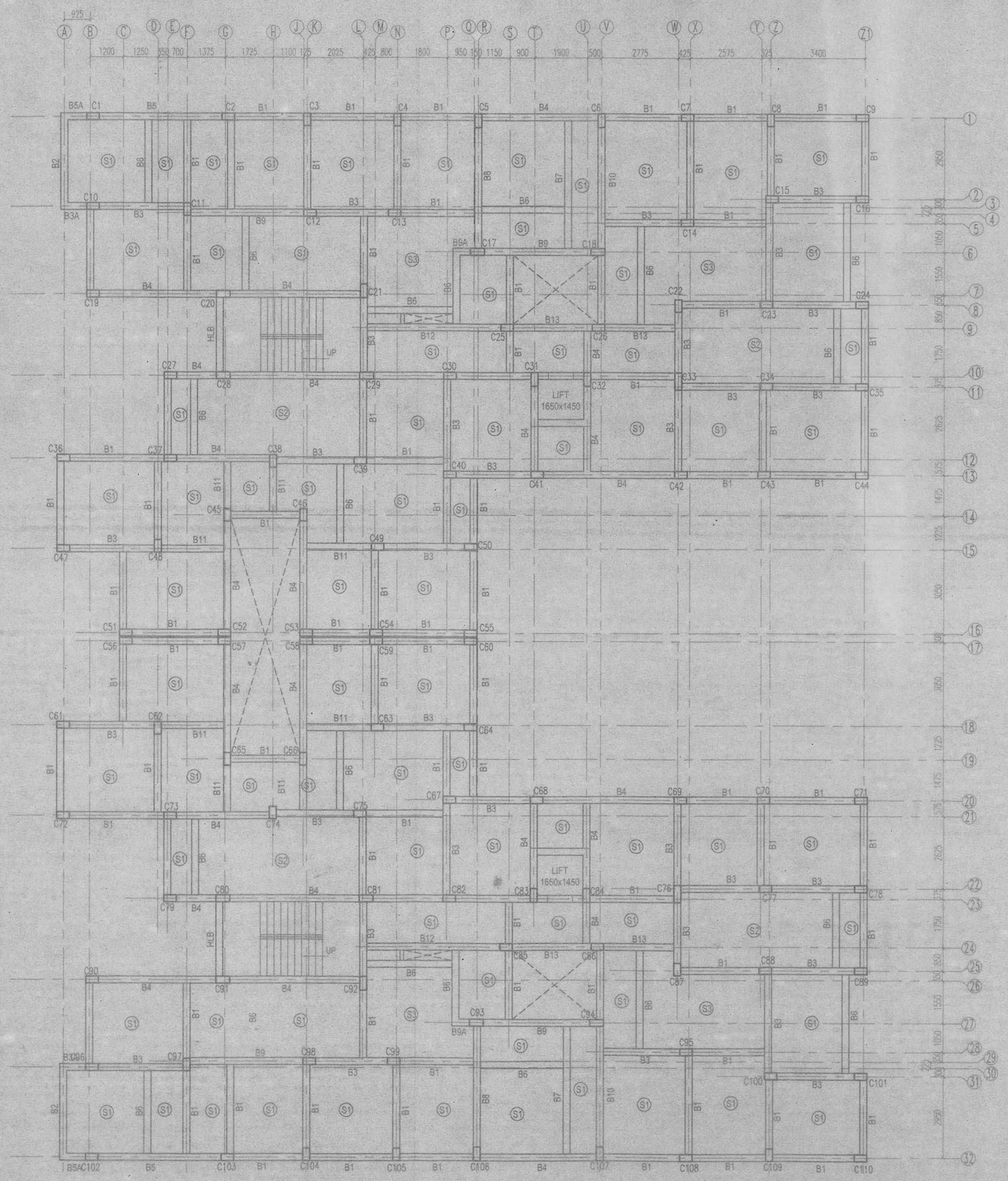
SCHEDULE OF FLOOR BEAM (M20 AND FE 500)

MKD.	SIZE (MMxMM)	TOP	EXT(AT SUPRT)	BOTT.	EXT(MD SPAN)	STIRRUPS (2 LEGGED)	AT SPAN
B1	250x450	2-16	2-16	2-16	2-12	8@125mm C/C	8@150mm C/C
B2	250x450	2-16	2-12	2-16	1-16	8@125mm C/C	8@150mm C/C
B3	250x450	2-16	2-16	2-16	2-16	8@125mm C/C	8@150mm C/C
B4	250x450	2-16	2-20	2-16	2-20	8@125mm C/C	8@150mm C/C
B5	250x450	3-16	2-16	3-16	2-16	8@125mm C/C	8@150mm C/C
B6	250x450	2-12	1-16	2-16	2-12	8@125mm C/C	8@150mm C/C
B7	250x450	2-16	2-16	4-16	-	8@125mm C/C	8@150mm C/C
B8	250x450	2-16	2-20	2-20	2-16	8@125mm C/C	8@150mm C/C
HLB	250x450	3-16	-	3-16	-	8@125mm C/C	8@150mm C/C
B9	250x450	2-16	2-20	2-16	2-20	8@125mm C/C	8@150mm C/C
B9A	250x450	2-16+2-20	-	2-16+2-20	-	8@125mm C/C	8@150mm C/C
B10	250x450	2-16	2-16	2-16	2-20	8@100mm C/C	8@125mm C/C
B11	250x450	4-16	-	2-16+2-20	-	8@100mm C/C	8@125mm C/C
B12	250x450	2-20	2-16	2-20	2-16	8@125mm C/C	8@150mm C/C
B13	250x450	2-20	2-16	2-20	2-16	8@125mm C/C	8@150mm C/C



SCHEDULE OF COLUMN - (M25 AND FE 500)

COLUMN NOS.	FOUNDATION TO 2ND FL.	2ND FL. TO ROOF
C1	4-20+4-16	8-16
C2	4-20+4-16	8-16
C3	8-16	6-16+2-12
C4	8-16	6-16+2-12
C5	4-20+6-16	10-16
C6	4-20+6-16	10-16
C7	6-16+2-12	4-16+4-12
C8	6-16+2-12	4-16+4-12
C9	6-16+2-12	4-16+4-12
C10	8-16	8-16
C11	4-20+4-16	8-16
C12	4-20+4-16	8-16
C13	4-20+4-16	8-16
C14	4-20+4-16	8-16
C15	4-20+4-16	8-16
C16	6-16+2-12	4-16+4-12
C17	4-20+6-16	10-16
C18	6-20+4-16	10-16
C19	8-16	6-16+2-12
C20	4-20+6-16	10-16
C21	8-20+2-16	10-16
C22	4-20+4-16	8-16
C23	4-20+4-16	8-16
C24	8-16	4-16+4-12
C25	8-20	4-20+4-16
C26	8-20	4-20+4-16
C27	6-16+2-12	4-16+4-12
C28	6-20+4-16	10-16
C29	8-20+2-16	10-16
C30	4-20+4-16	8-16
C31	8-20+2-16	10-16
C32	8-20+2-16	10-16
C33	12-16	8-16+4-12
C34	4-20+4-16	8-16
C35	6-16+2-12	4-16+4-12
C36	6-16+2-12	4-16+4-12
C37	4-20+4-16	8-16
C38	4-20+4-16	8-16
C39	4-20+4-16	8-16
C40	6-16+2-12	4-16+4-12
C41	4-20+4-16	8-16
C42	8-16	6-16+2-12
C43	6-16+2-12	4-16+4-12
C44	6-16+2-12	4-16+4-12
C45	8-16	6-16+2-12
C46	8-16	6-16+2-12
C47	6-16+2-12	4-16+4-12
C48	4-20+4-16	8-16
C49	4-20+4-16	8-16
C50	6-16+2-12	4-16+4-12
C51	6-16+2-12	4-16+4-12
C52	6-16+2-12	4-16+4-12
C53	6-16+2-12	4-16+4-12
C54	6-16+2-12	4-16+4-12
C55	6-16+2-12	4-16+4-12



- ALL DIMENSIONS ARE IN MM
- CONCRETE GRADE TO BE ADOPTED M20 UNLESS MENTIONED.
- COVER TO REINFORCEMENT
COLUMN = 40mm, BEAM = 30mm
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 75 THK. SHALL BE PROVIDED
- EXTERNAL PLASTER 15mm THK. IN CEMENT MORTAR GRADE (1:6)
- INTERNAL PLASTER 12mm THK. IN CEMENT MORTAR GRADE (1:6)
- ALL CEILING PLASTER 8mm THK. IN CEMENT MORTAR GRADE (1:4)
- USE 200GSM LDP SHEET BELOW P.C.C.
- THE STRUCTURAL DESIGNER IS RESPONSIBLE FOR THE DESIGN ONLY THE CONSTRUCTION, SUPERVISION FALLS OUT SIDE 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 FILLED UP LAND.

SUBIR CHANDRA SANYAL
B.C.E. (M.T. STRUCT. E. II)
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. (M.T. STRUCT. E. II)
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

PROJECT
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, MOZA- UKHILA PAIKPARA, P.S.-SONARPUR, DIST.-24PG(S), UNDER RAJPUR SONARPUR MUNICIPALITY

NAME OF OWNER: SAHABUDDIN MONDAL AND OTHERS

DRAWN: sumit	SCALE: 1:100
DESIGNED: sumit	DATE: 20.04.2018
CHECKED: sumit	JOB NO.
APPROVED:	

Sanyalson Associates
Consultant Planner & Structural Engineers
P-157 KANUNGO PARK KOLKATA-94

DWG NO. 04/07 BLOCK - 2

APPROVAL OF S.A.E.
OFFICE USE ONLY

Structural plan as submitted by the client is approved for the block up to Building Plan No. 107/09/26/23. Date: 10/09/2018 for record of the Rajpur-Sonarpur Municipality without verification. No objection from the approving structural plan should be made at the time of erection without submitting fresh structural plan along with design calculation and stability certificate. In the proposed form necessary steps should be taken for the safety of the adjoining premises public health, properties and safety of human life during construction.

Sig. of Assistant Engineer,
In-charge S.W.D.
RAJPUR-SONARPUR MUNICIPALITY