

Structural plan and design calculation as submitted by the structural engineer have been kept with B.P. No. 2019070164 Date 19/3/20 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 safety of the adjoining premises public and private properties and safety of human life during construction.

*[Signature]*  
EXECUTIVE ENGINEER/ASST. ENGINEER

BOROUGH NO. 164  
EXECUTIVE ENGINEER  
K.M.C. BUILDING  
BR-VII

OFFICE OF THE EXECUTIVE ENGINEER  
BUILDING BOROUGH - VII  
DATE 16/3/2020  
THE KOLKATA MUNICIPAL CORPORATION

## FOR GROUND FLOOR & FIRST FLOOR

UPPORT REINF.		SPAN REINF.	
BOT TOM	STRIRUPS	TOP	BOT TOM
3-25T	8T@125C/C	2-25T	3-25T
3-25T	8T@125C/C	2-25T	8T@200C/C
3-25T	8T@125C/C	2-25T	3-25T
3-20T	8T@150C/C	2-20T	8T@200C/C
3-20T	8T@150C/C	2-20T	3-20T
4-25T	10T@125C/C(4L)	4-25T	4-25T+
4-25T	10T@125C/C(4L)	4-25T	2-25T
4-25T	10T@125C/C(4L)	4-25T	10T@200C/C(4L)
4-25T	10T@125C/C(4L)	4-25T	10T@200C/C(4L)
3-25T	8T@125C/C	2-25T	3-25T
3-25T	8T@125C/C	2-25T	8T@200C/C
3-25T	8T@115C/C	2-25T	8T@200C/C

### PROJECT

PLAN PROPOSAL FOR ADDITIONAL ONE FLOOR U/S 394 OF K.M.C. ACT. 1980 OVER AND ABOVE B+G+13 STORED RESIDENTIAL BUILDING AT PREMISES. NO. - 25, DR. AMBEDKAR SARANI, INCLUDING CHANGES U/R26(2a)(2b); IN MODIFICATION FROM SANCTIONED PLAN VIDE B.P. NO. - 2014070216 DATED - 20.03.2015; P.S. - TOPSIA; UNDER WARD NO. - 059; BR. NO. - VII, KOLKATA-700046.

### TITLE:

GA. OF EXISTING GROUND FLOOR & FIRST FLOOR & FLOOR BEAM SCHEDULE, SLAB SCHEDULE

### NOTES


1. ALL DIMENSIONS ARE IN MM EXCEPT NOTED.
2. GRADE OF CONCRETE M30/M40
3. GRADE OF STEEL Fe500





I DO CERTIFY WITH FULL RESPONSIBILITY THAT THE PROPOSED BUILDING PLAN HAS BEEN DRAWN AS PER PROVISION OF K.M.C. BUILDING RULE 2009 AND THIKA TENANCY ACQUISITION RULES 2001 AS AMENDED FROM TIME TO TIME. THE PLOT IS DEMARCATED BY BOUNDARY WALL ON ALL SIDES.

2

  
**DEBATOSH SAHU**  
 Architect • Urban Designer  
 M.A.R.C.H. F.I.A. F.U.D.I. A.I.D.  
 REG. NO. CA/89/12368  
**DEBATOSH SAHU (CA/89/12368)**  
 SIGNATURE OF ARCHITECT

**STRUCTURAL ENGINEERS' CERTIFICATE**

THE STRUCTURAL DESIGN AND DRAWINGS OF BOTH THE FOUNDATION AND SUPERSTRUCTURE OF THE EXISTING B+G+XIII STORED BUILDING AT THE AFORESAID PREMISES CONSTRUCTED AS PER B.P NO. 201407216 DATED - 20.03.2016 HAS BEEN MADE AND ALSO SUPERVISED BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER THE NATIONAL BUILDING CODE OF INDIA AND CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECTS. IT IS FURTHER CERTIFIED THAT THE SAID STRUCTURE IS CAPABLE OF WITHSTANDING THE ADDITIONAL LOAD FOR ANOTHER TWO FLOORS OVER AND ABOVE THE EXISTING G+XVI STORED BUILDING STANDING ON AT SITE



**BIBEK BIKASH MULLICK**  
 E.S.E. - I/75

**KOLKATA MUNICIPAL CORPORATION**  
**BIBEK BIKASH MULLICK (E.S.E-175)**  
 SIGNATURE OF STRUCTURAL ENGINEERS

4-25T	10T@125C/C(4L)	4-25T	4-25T+	10T@200C/C(4L)
4-25T	10T@125C/C(4L)	4-25T	4-25T+	10T@200C/C(4L)
3-25T	8T@125C/C	2-25T	3-25T	8T@200C/C
3-25T	8T@125C/C	2-25T	3-25T	8T@200C/C
3-25T	8T@115C/C	2-20T	3-25T	8T@200C/C
4-25T	10T@125C/C(4L)	4-25T	4-25T+	10T@200C/C(4L)
3-25T	8T@125C/C	2-25T	4-25T	8T@200C/C
3-16T	8T@150C/C	2-16T	3-16T	8T@200C/C
4-25T	10T@125C/C(4L)	4-25T	4-25T+	10T@200C/C(4L)
3-25T	8T@125C/C	2-25T	2-25T	8T@200C/C
3-25T	8T@125C/C	2-25T	3-25T	8T@200C/C
4-25T	10T@125C/C(4L)	4-25T	4-25T+	10T@200C/C(4L)
4-25T	10T@125C/C(4L)	4-25T	4-25T+	10T@200C/C(4L)
3-25T	8T@115C/C	2-25T	3-25T	8T@200C/C
3-25T	8T@125C/C	2-25T	3-25T	8T@200C/C
4-25T	10T@125C/C(4L)	4-25T	4-25T+	10T@200C/C(4L)
4-25T	10T@125C/C(4L)	4-25T	4-25T+	10T@200C/C(4L)
4-25T	10T@125C/C(4L)	4-25T	4-25T+	10T@200C/C(4L)
3-25T	8T@125C/C	2-25T	3-25T	8T@200C/C
3-25T	8T@150C/C	2-25T	3-25T	8T@200C/C



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 PROPOSED CONSTRUCTION AND THE FOUNDATION SYSTEM PROPOSED HEREIN IS SAFE AND STABLE IN ALL RESPECT FROM GEO-TECHNICAL POINT OF VIEW.



**ALOK ROY**  
 Empanelled Geotechnical Engineer  
 Kolkata Municipal Corporation  
 Class-I, No.-G.T/1/11  
 8A, Millan Park  
 Kolkata-700 084

**ALOK ROY**  
 GTE No. I/11  
SIG. OF GEO-TECHNICAL ENGINEER

DESIGNED	REF.
CHECKED-- BBM	SCALE : 1:100
DEALT - P.P	DATE : 14.03.2020
ORG. NO.-PMC/25, DR. AMBEDKAR SARANI/COR/ST/02	

**STRUCTURAL CONSULTANT**  
**P M CONSULTANT**  
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 STRUCTURAL ENGINEERING CONSULTANT  
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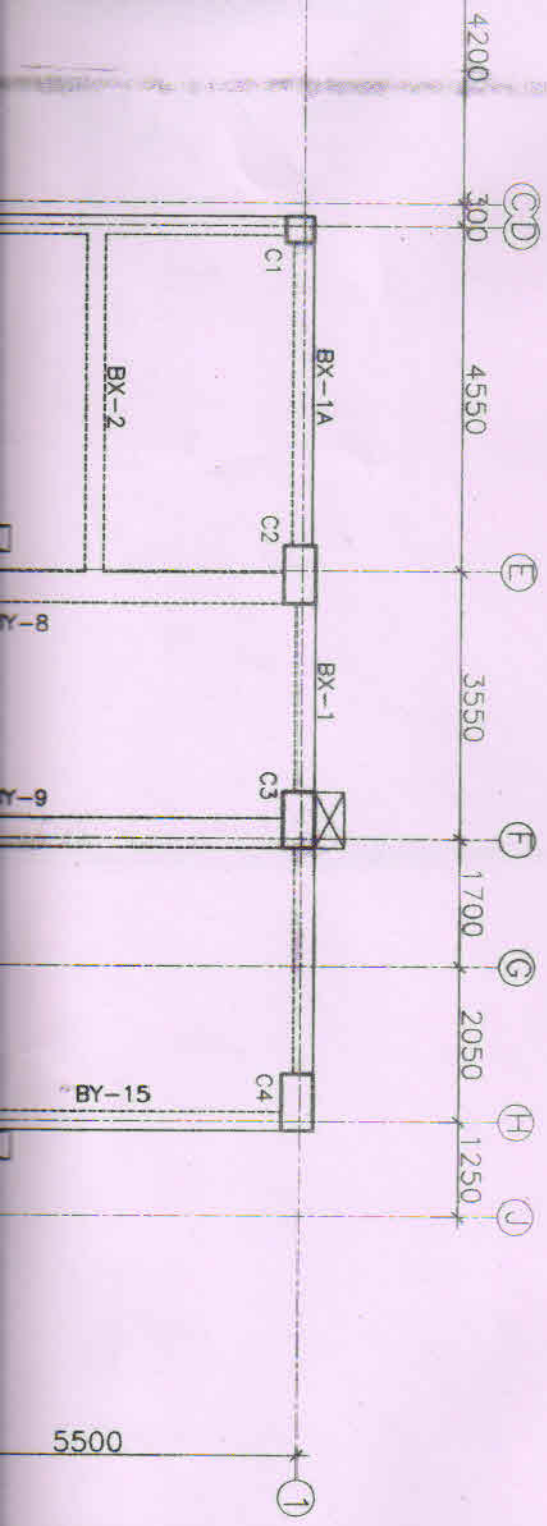


ARCHITECT

3-25T	10T@125C/C	2-20T	3-25T	8T@200C/C
4-25T	10T@125C/C(4L)	4-25T	4-25T+ 2-25T	10T@200C/C(4L)
3-25T	8T@125C/C	2-20T	3-25T+ 3-16T	8T@200C/C
3-25T	8T@125C/C	2-25T	3-25T+ 3-16T	8T@200C/C
3-25T	8T@125C/C	2-25T	3-25T+ 3-16T	8T@200C/C
3-25T	8T@125C/C	2-25T	3-25T+ 3-16T	8T@200C/C
3-20T	8T@125C/C	2-16T	3-20T	8T@200C/C
3-20T	8T@125C/C	2-16T	3-20T	8T@200C/C
3-25T	8T@125C/C	2-25T	3-25T+ 3-16T	8T@200C/C



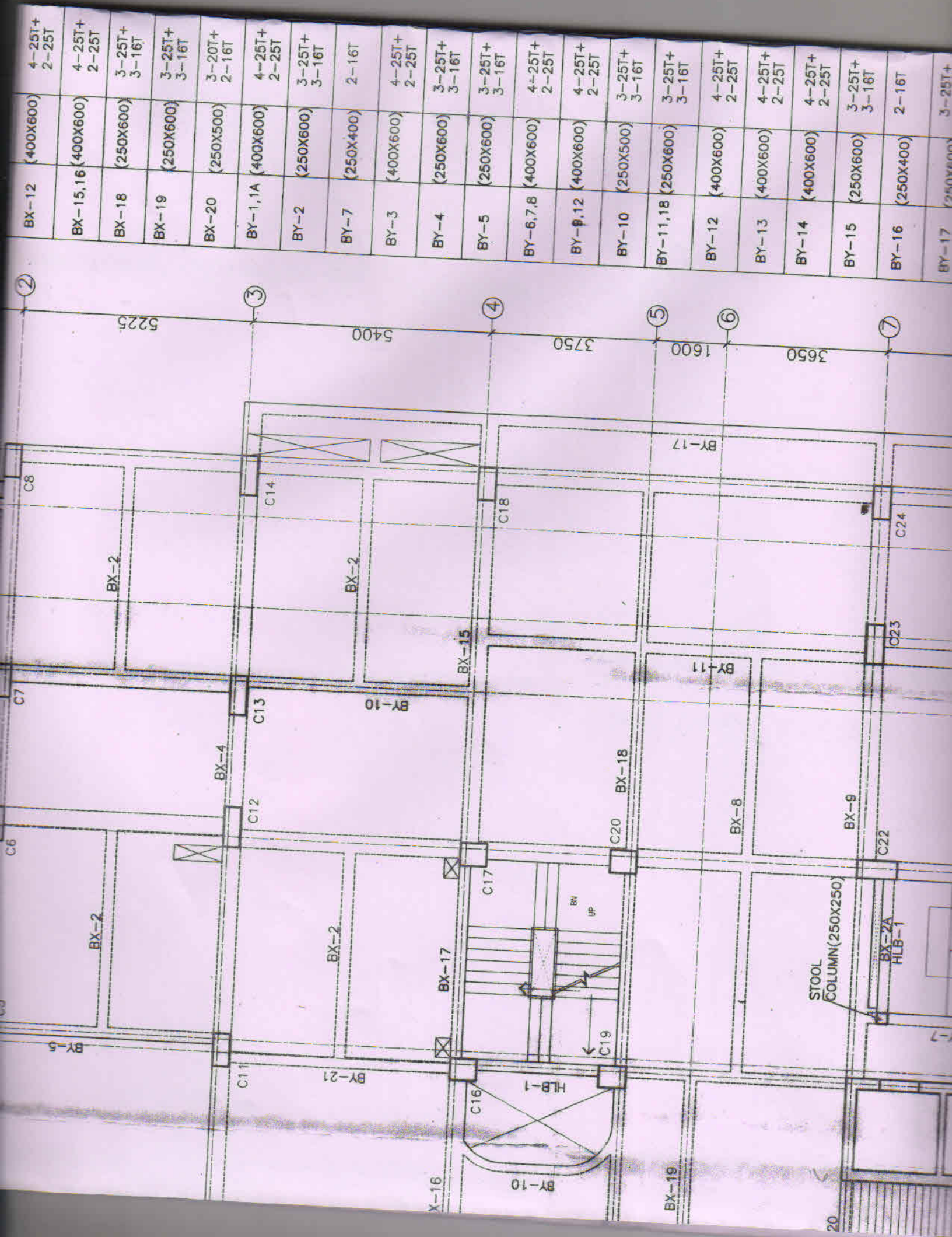
35-A, DR. SARAT BANERJEE ROAD, KOLKATA-700029  
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WEBSITE : [www.espaceindia.com](http://www.espaceindia.com)



**BEAM SCHEDULE**

BEAM MKD.	BEAM SIZE	TOP
BX-1	(250X600)	3-25T+ 3-16T
BX-1A	(250X600)	3-25T+ 3-16T
BX-2	(250X500)	2-20T
BX-2A	(250X400)	2-16T
BX-3	(400X600)	4-25T+ 2-25T
BX-4,21	(400X600)	4-25T+ 2-25T
BX-5	(400X600)	4-25T+ 2-25T
BX-6	(250X600)	3-25T+ 3-16T
BX-14A	(250X600)	3-25T+ 3-16T
BX-8	(250X500)	3-25T+ 3-16T
BX-9	(400X600)	4-25T+ 2-25T
BX-10	(250X400)	2-16T

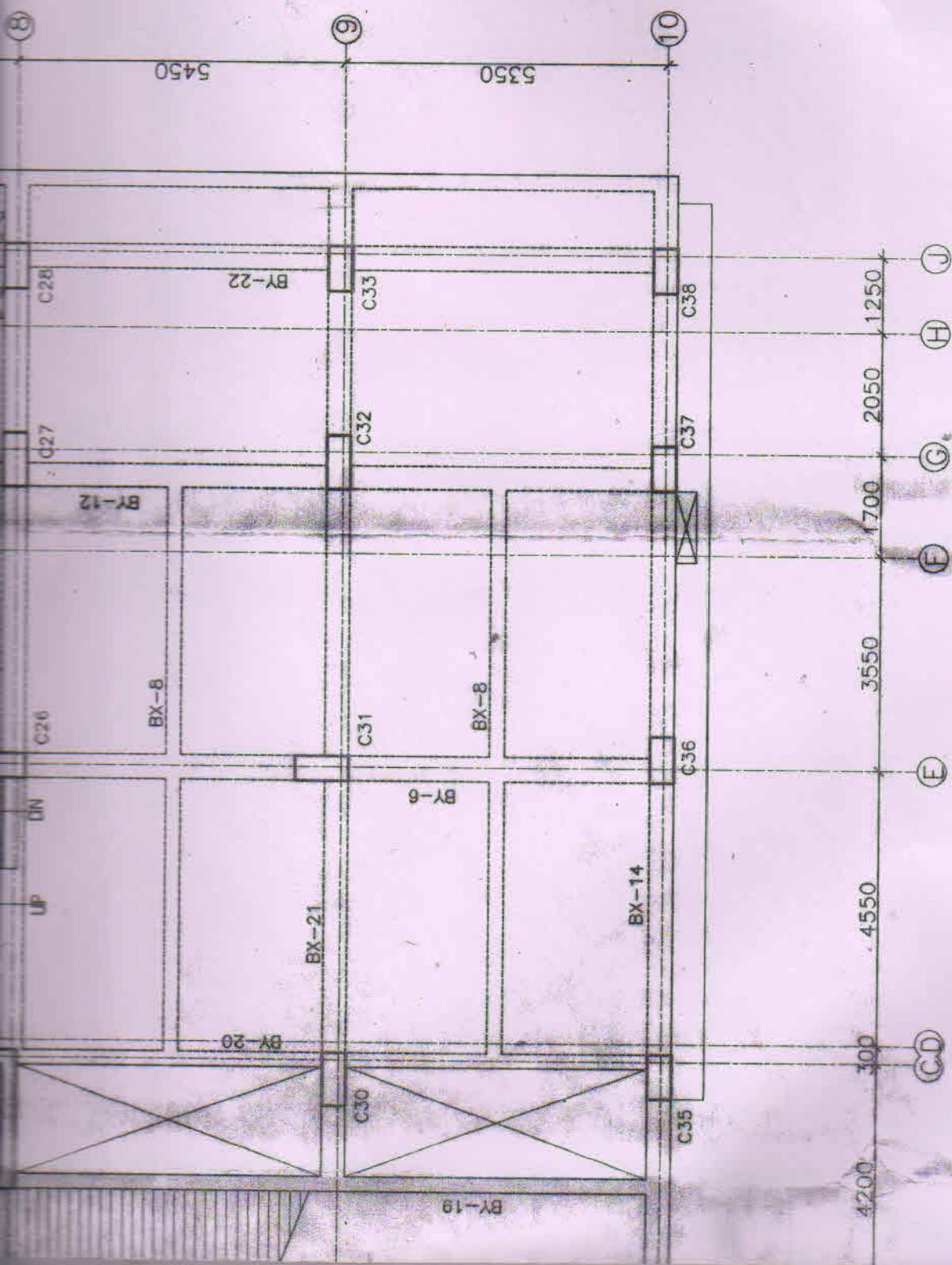




BX-12	(400X600)	4-25T+ 2-25T
BX-15,16	(400X600)	4-25T+ 2-25T
BX-18	(250X600)	3-25T+ 3-16T
BX-19	(250X600)	3-25T+ 3-16T
BX-20	(250X500)	3-20T+ 2-16T
BY-1,1A	(400X600)	4-25T+ 2-25T
BY-2	(250X600)	3-25T+ 3-16T
BY-7	(250X400)	2-16T
BY-3	(400X600)	4-25T+ 2-25T
BY-4	(250X600)	3-25T+ 3-16T
BY-5	(250X600)	3-25T+ 3-16T
BY-6,7,8	(400X600)	4-25T+ 2-25T
BY-9,12	(400X600)	4-25T+ 2-25T
BY-10	(250X500)	3-25T+ 3-16T
BY-11,18	(250X600)	3-25T+ 3-16T
BY-12	(400X600)	4-25T+ 2-25T
BY-13	(400X600)	4-25T+ 2-25T
BY-14	(400X600)	4-25T+ 2-25T
BY-15	(250X600)	3-25T+ 3-16T
BY-16	(250X400)	2-16T
BY-17	(250X600)	3-25T+ 3-16T



BY-21	(250X600)	3-20T+ 3-16T
BY-22	(400X600)	4-25T+ 2-25T
SPD-1	(250X500)	2-20T
SPD-2	(250X500)	3-25T+ 3-16T
SPD-3	(250X500)	3-25T+ 3-16T
SPD-4,5	(250X500)	3-25T+ 3-16T
SPD-6	(250X500)	2-16T
SPD-7	(250X500)	2-16T
SPD-8	(250X500)	3-25T+ 3-16T



GA. OF FIRST FLOOR (EXISTING)  
150 THK. SLAB

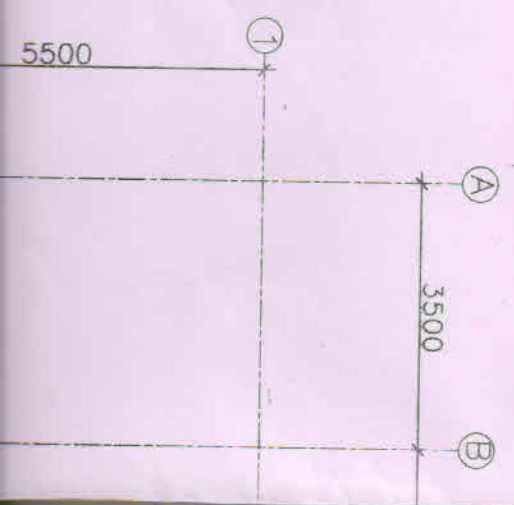
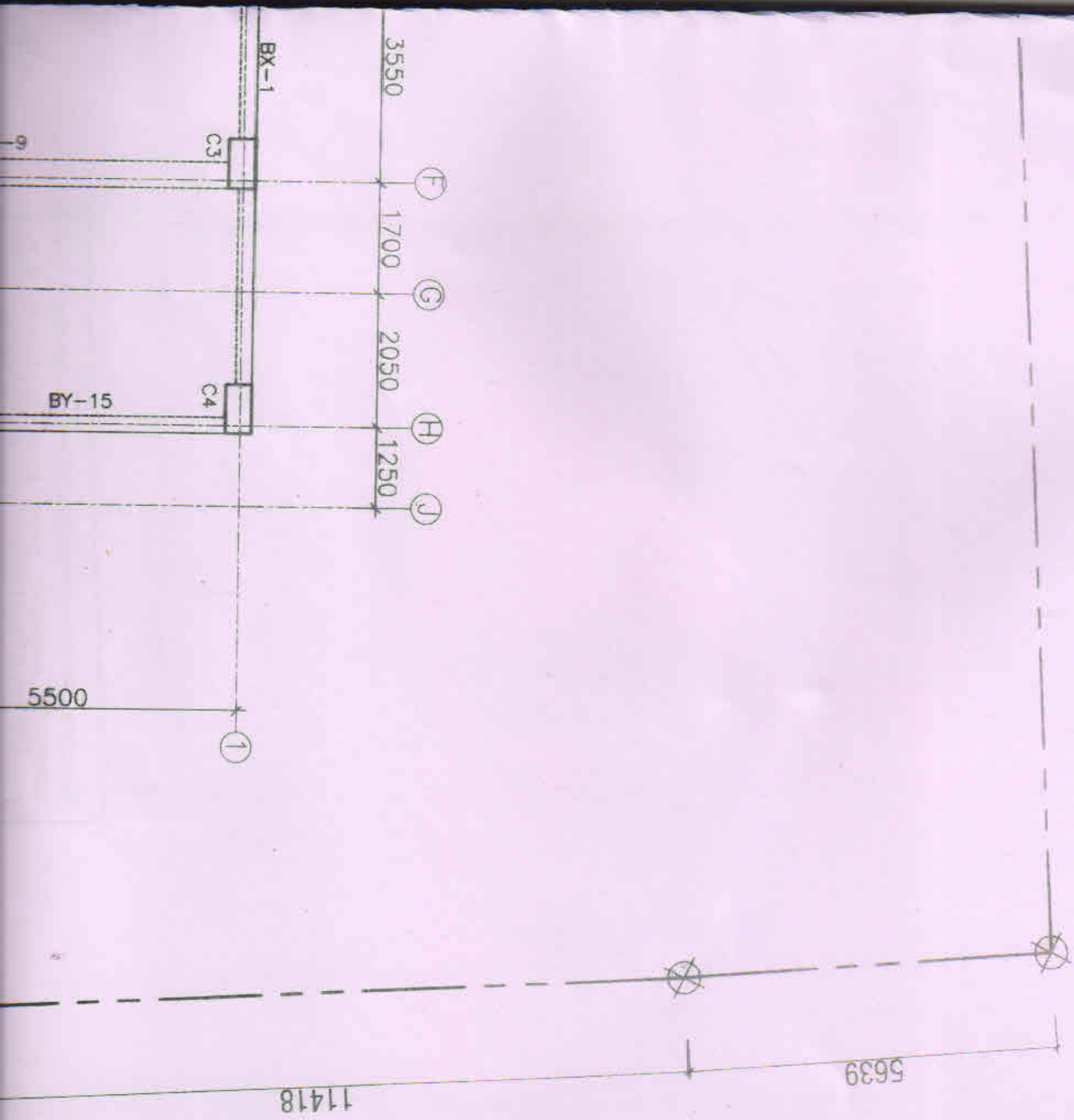


JLE

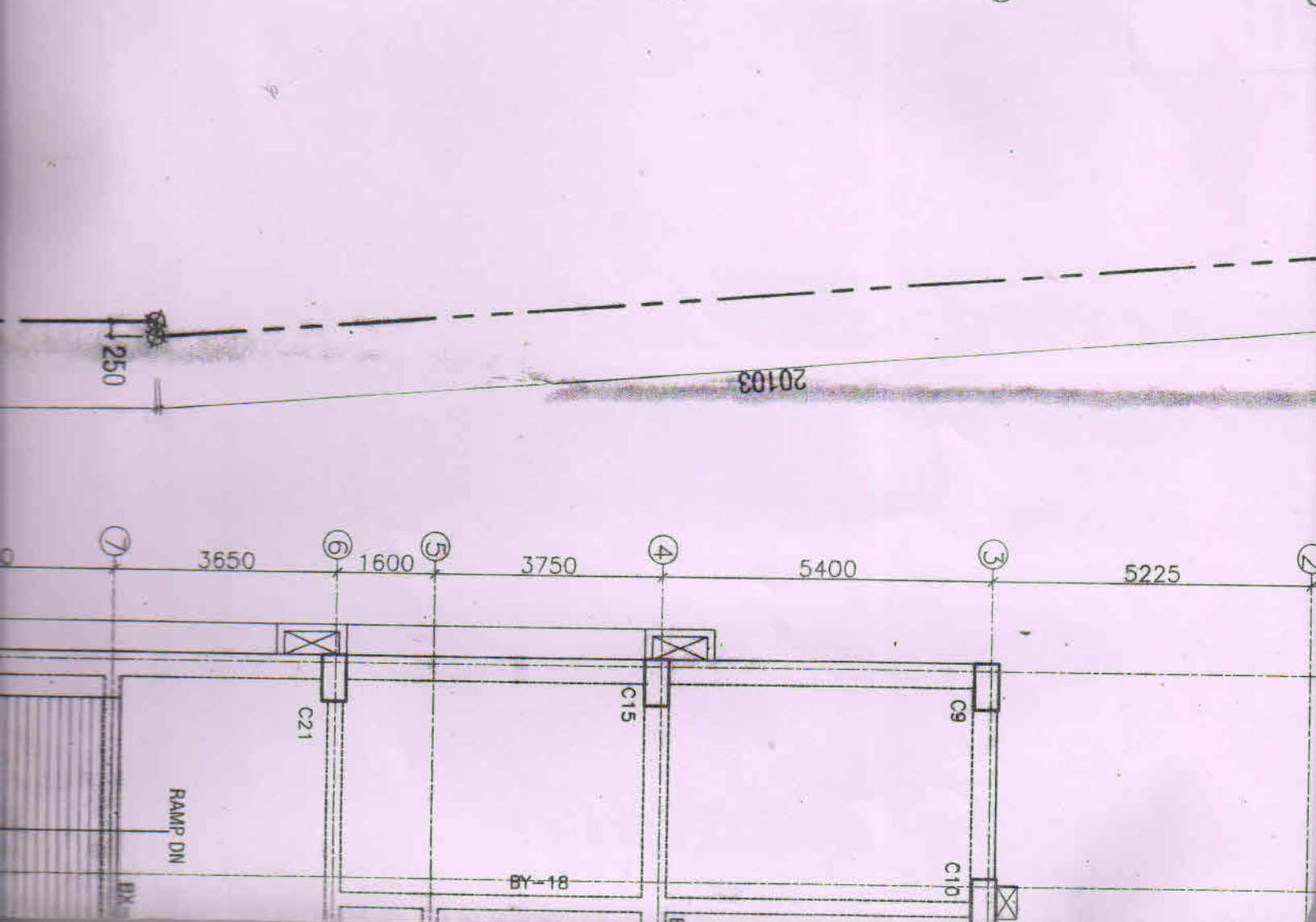
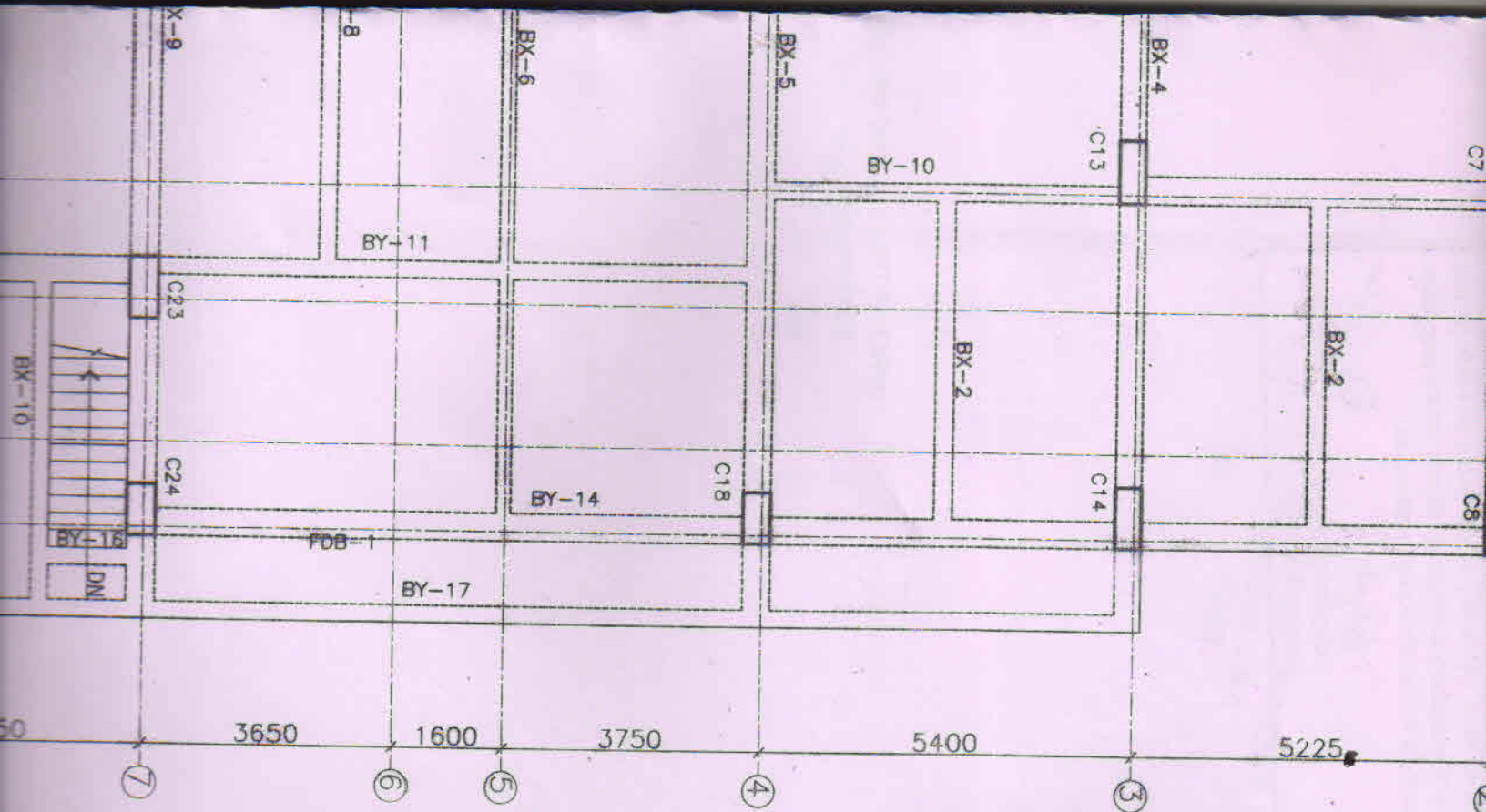
SHORT SPAN		LONG SPAN	
TOP	MID SPAN BOTTOM	SUPPORT TOP	MID SPAN BOTTOM
e/c	10T@200c/c	8T@150c/c	8T@200c/c

8

17204







20103

25.606 AS

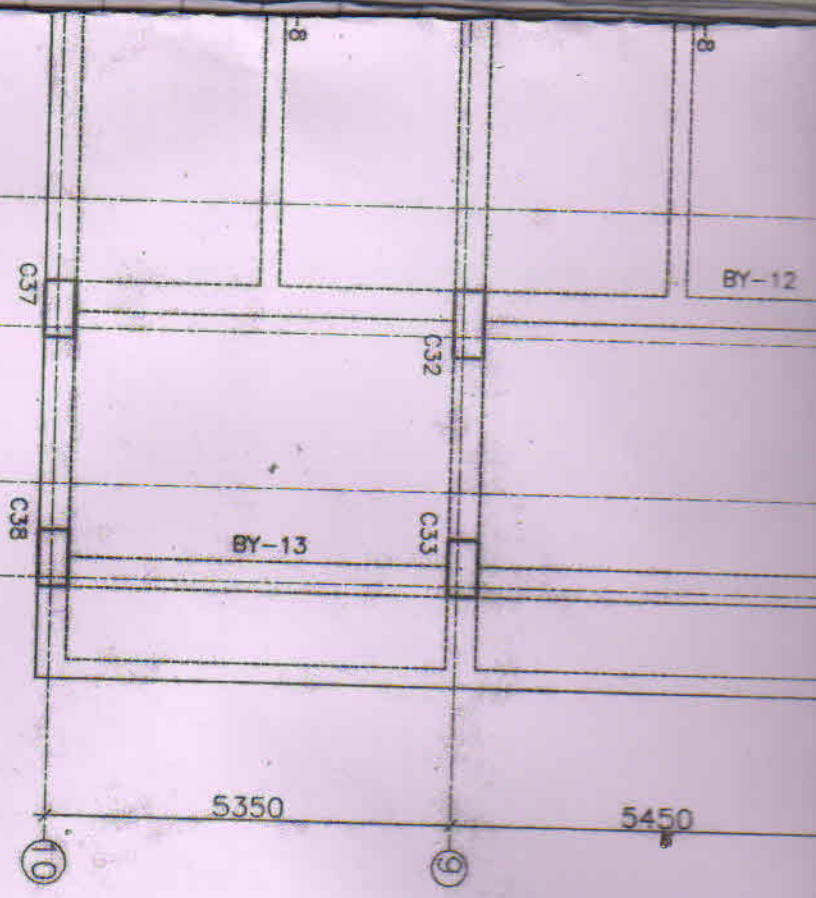
20571

30.786 M. (101' - 0") AS PER S.O.B.

21

3550  
1700  
2050  
1250

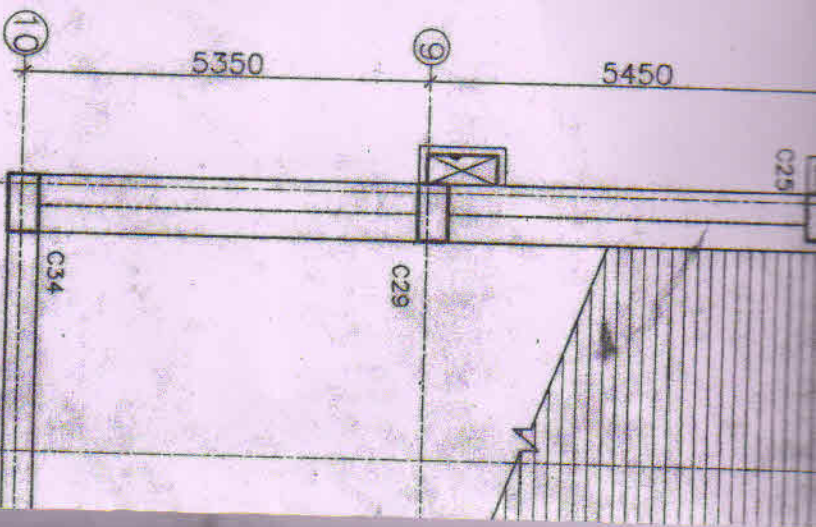
(E)  
(G)  
(H)  
(J)



12813  
5350  
5450

(A)  
(B)

3500

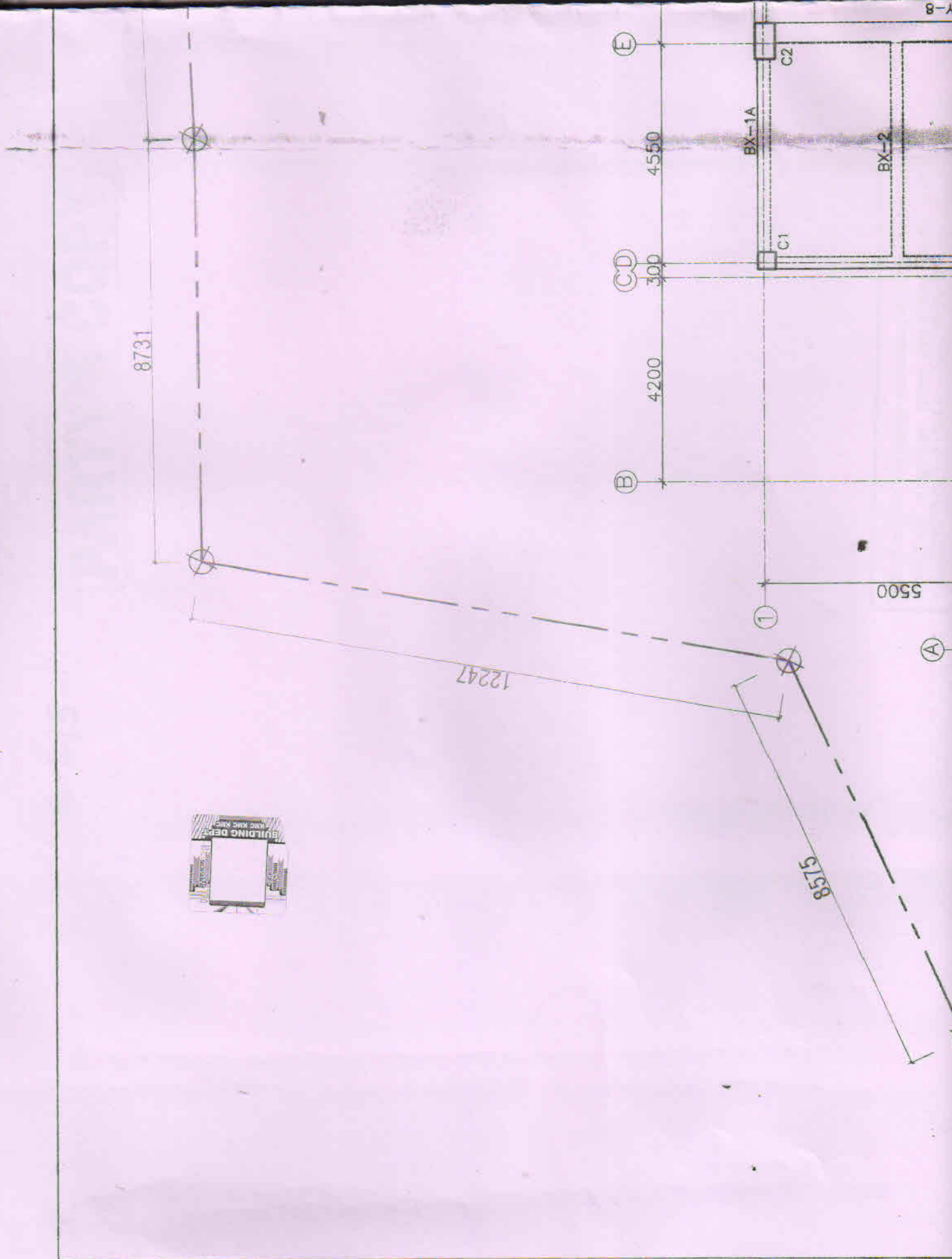




S  
A  
R  
A  
N  
S.O.R.  
- 00") 'B'  
TO SEALDAH

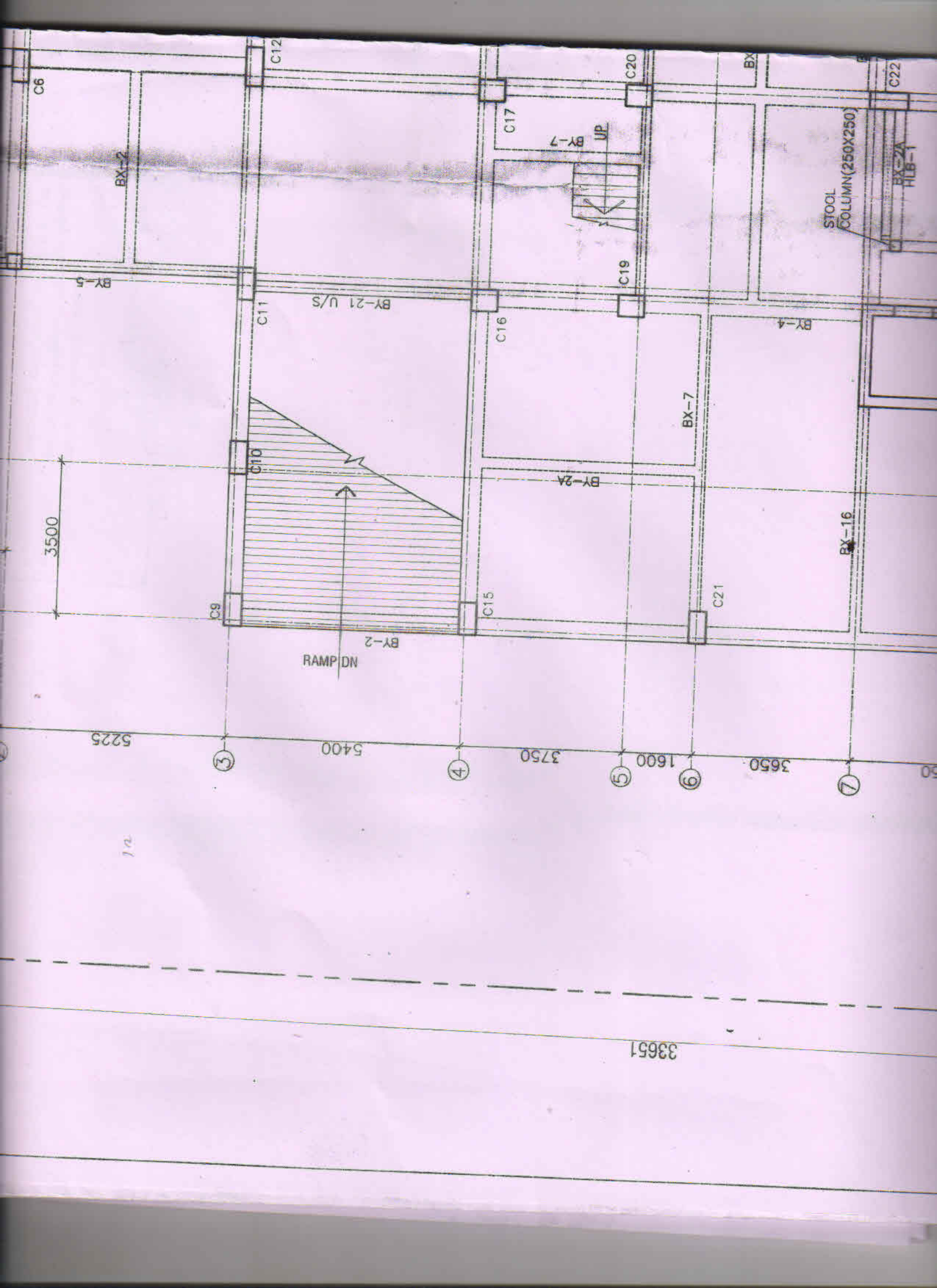
SLAB SCHEDULE

SLAB THK.	150
SUPPORT	10T@150



11





RAMP DN

BY-21 U/S

BY-7 UP

STOOL COLUMN (250X250)

3500

5225

5400

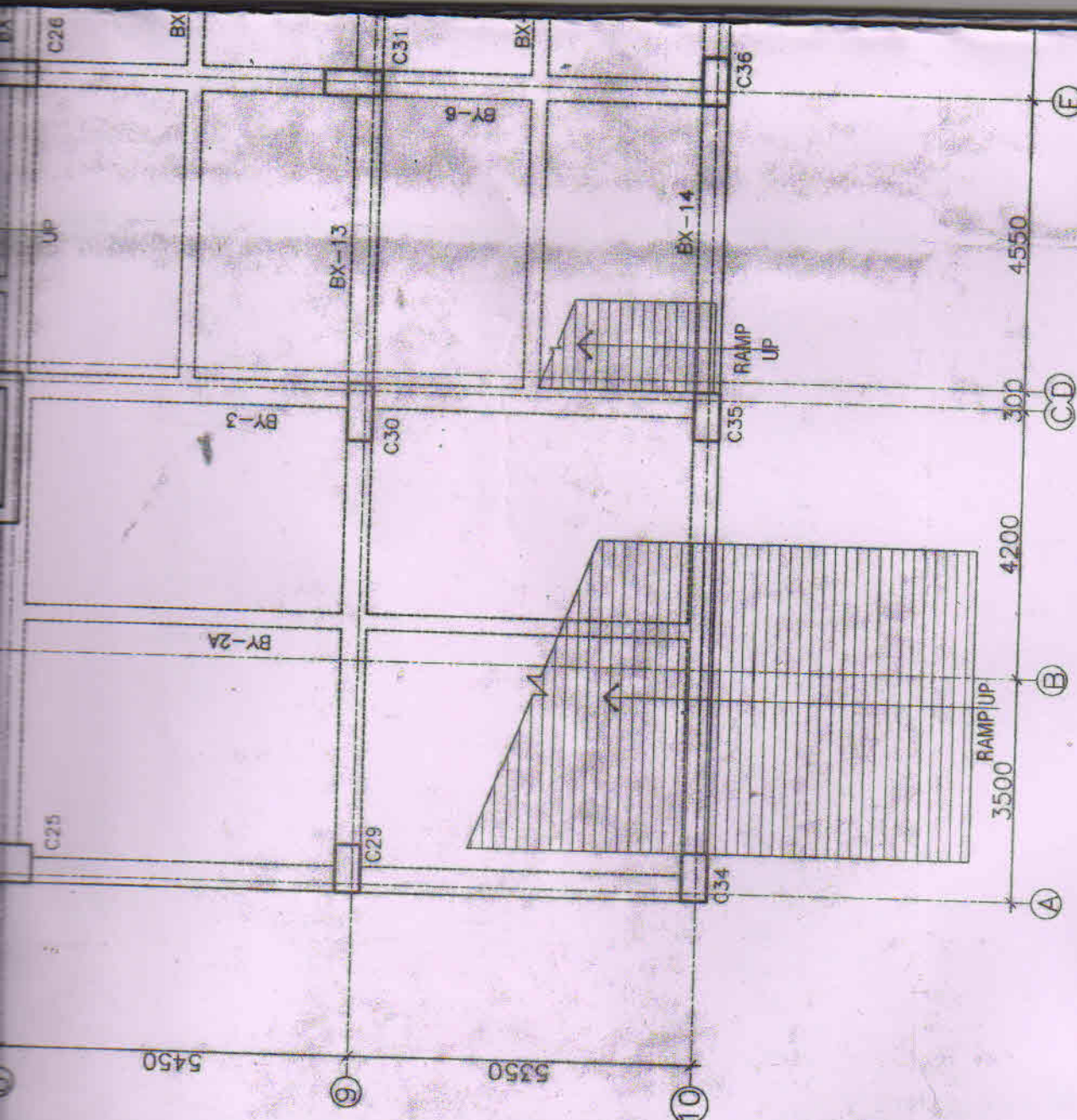
3750

1600

3650

33651

1/2



GA. OF GOOUND FLOOR (EXISTING)  
 (LEV 150) 150 THK. SLAB

5450

5350

3500

4200

300

4550

400

6869

4270





R

A

K

D

E

B

M

A

R

D

21198

TO PARK CIRCUS CONNECTOR

25.833 M. (84' - 9") 'A'  
AS PER S.O.R.

