

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

EXECUTIVE ENGINEER (CIVIL)
K.M.C. BUILDING
BR-VII

Structural plan and design calculation as submitted by the structural engineer have been kept with B.P. No. 2019470164. 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 (CIVIL)
BOROUGH NO. VII

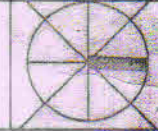
N REINF.	
BOTTOM	STIRRUPS
3-20T	8T@200C/C
3-20T	8T@200C/C
3-25T	8T@200C/C
3-20T	8T@200C/C
4-25T+ 2-25T	10T@200C/C(4L)
3-20T	8T@200C/C
3-25T	8T@200C/C
3-25T	8T@200C/C
3-16T	8T@200C/C
4-25T+ 2-25T	10T@200C/C(4L)
3-20T	8T@200C/C
3-25T	8T@200C/C
4-25T+ 2-25T	10T@200C/C(4L)
3-20T	8T@200C/C
3-20T	8T@200C/C
3-20T	8T@200C/C
3-20T	8T@200C/C
3-20T	8T@200C/C
4-25T+ 2-25T	10T@200C/C(4L)
3-25T	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 STORIED 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 SECOND , THIRD, SIXTH, NINTH, & TWELVE 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

SHIVANANDA DEVELOPERS PVT. LTD.
MANGALDHARA REAL ESTATE PVT. LTD.
BRUDHARA PROPERTIES PVT. LTD.
TILAKRATAN REALTORS PVT. LTD.
RANGHATI REALTORS PVT. LTD.

Agarwal

Director

SIGNATURE OF OWNER

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.

Debatosh Sahu

DEBATOSH SAHU

Architect • Urban Designer
MARCH, FIA, FIID, AIID,
Regn. No. CA/89/12368

DEBATOSH SAHU (CA/89/12368)

SIGNATURE OF ARCHITECT

5T@200C/C	
5T@200C/C	
5T@200C/C	
5T@200C/C	
5T+ 5T	10T@200C/C(4L)
5T	5T@200C/C
5T	5T@200C/C
5T	5T@200C/C
5T	5T@200C/C
5-25T+ 2-16T	5T@200C/C
3-25T+ 2-16T	5T@200C/C
4-25T+ 2-25T	10T@200C/C(4L)
3-16T	5T@200C/C
3-16T	5T@200C/C
4-25T+ 2-25T	10T@200C/C(4L)
3-16T	5T@200C/C


DEBATOSH SAHU
 Architect • Urban Designer
 M.ARCH, FIA, FIIDI, AIID.
 Regn. 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 STORIED BUILDING AT THE AFORESAID PREMISES CONSTRUCTED AS PER B.P NO. 2014070216 DATED - 20.03.2014 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 STORIED BUILDING STANDING ON AT SITE.


BIBEK BIKASH MULLICK
 E.S.E. - 1/75
 KOLKATA MUNICIPAL CORPORATION
BIBEK BIKASH MULLICK (E.S.E-1/75)
 SIGNATURE OF STRUCTURAL ENGINEERS

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

K. Sengupta
KOUSHIK SENGUPTA
 B.E. (CIVIL), M.E. (STRUCTURE)
 STRUCTURAL REVIEWER (K.M.C.)
 E.S.R.-(1)76/5

KOUSHIK SENGUPTA
 B.E. (CIVIL), M.E. (STRUCTURE)
 ESE-1/76 (K.M.C.)

Signature of Struc. Reviewer
KOUSHIK SENGUPTA E.S.R.-(1)76/5 (K.M.C.)
 SIGNATURE OF STRUCTURAL REVIEWER

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
ALOK ROY
 Empanelled Geotechnical Engineer
 Kolkata Municipal Corporation
 Class-I, No.-G.T/1/11
 6A, Milan 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
DRG. NO.-PMC/25, DR. AMBEDKAR SARANI/CCR/ST/03	

STRUCTURAL CONSULTANT
P M CONSULTANT
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 e-mail- bibekbm@rediffmail.co

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P.M.CONSULTANT
 STRUCTURAL ENGINEERING CONSULTANT
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 WEB: <https://pmcstructure.wixsite.com/pmcon>
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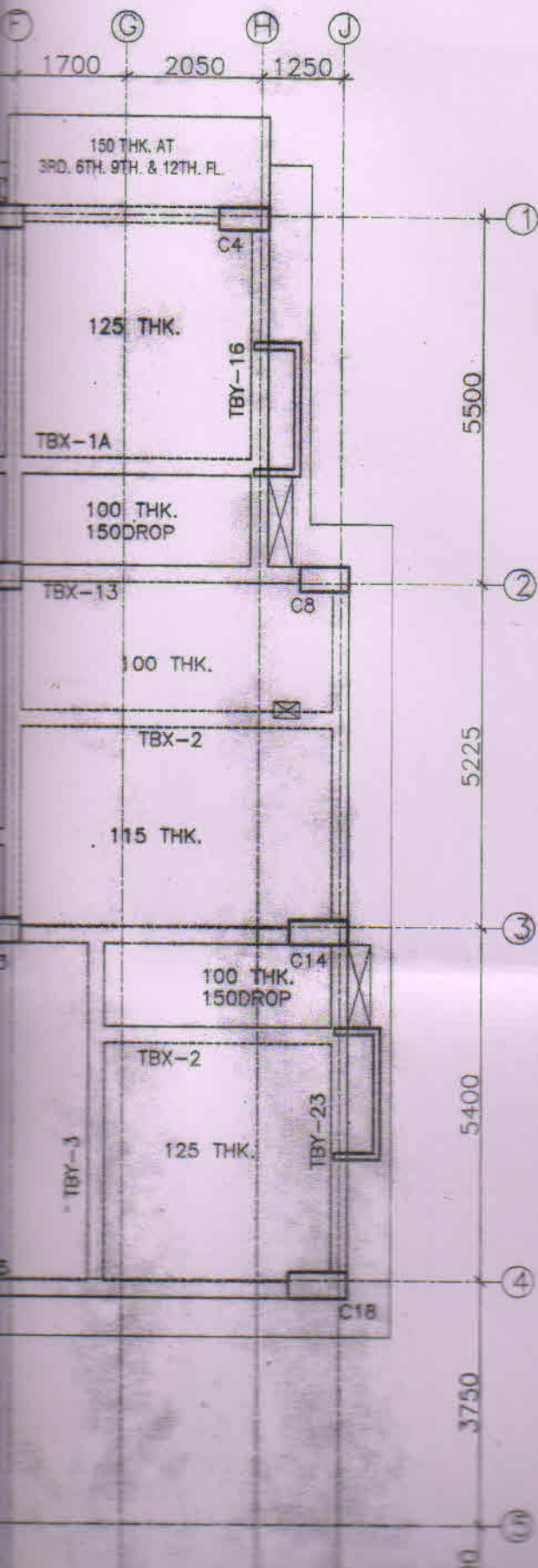


ARCHITECT



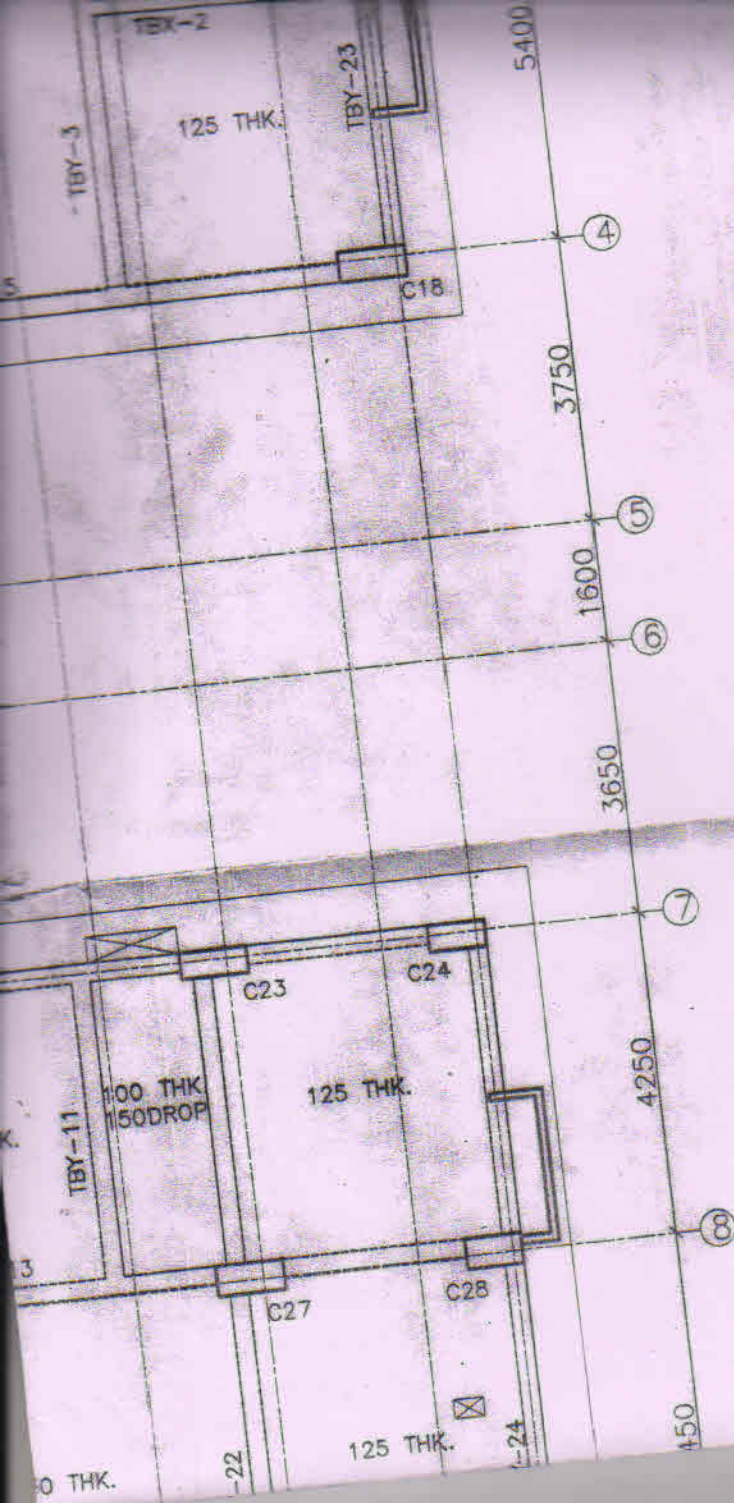
ESPACE

35-A, DR. SARAT BANERJEE ROAD, KOLKATA-700029
 TeleFax : 91-33-2465-4130 / 4159
 e-mail : espace@vsnl.net
 WEBSITE : www.espaceindia.com

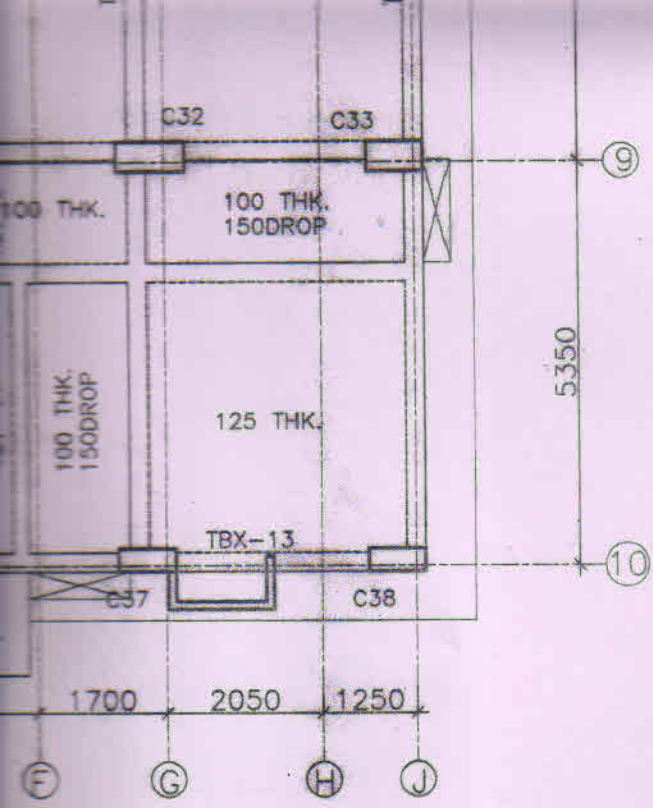


BEAM SCHEDULE FOR TYPICAL FLOOR

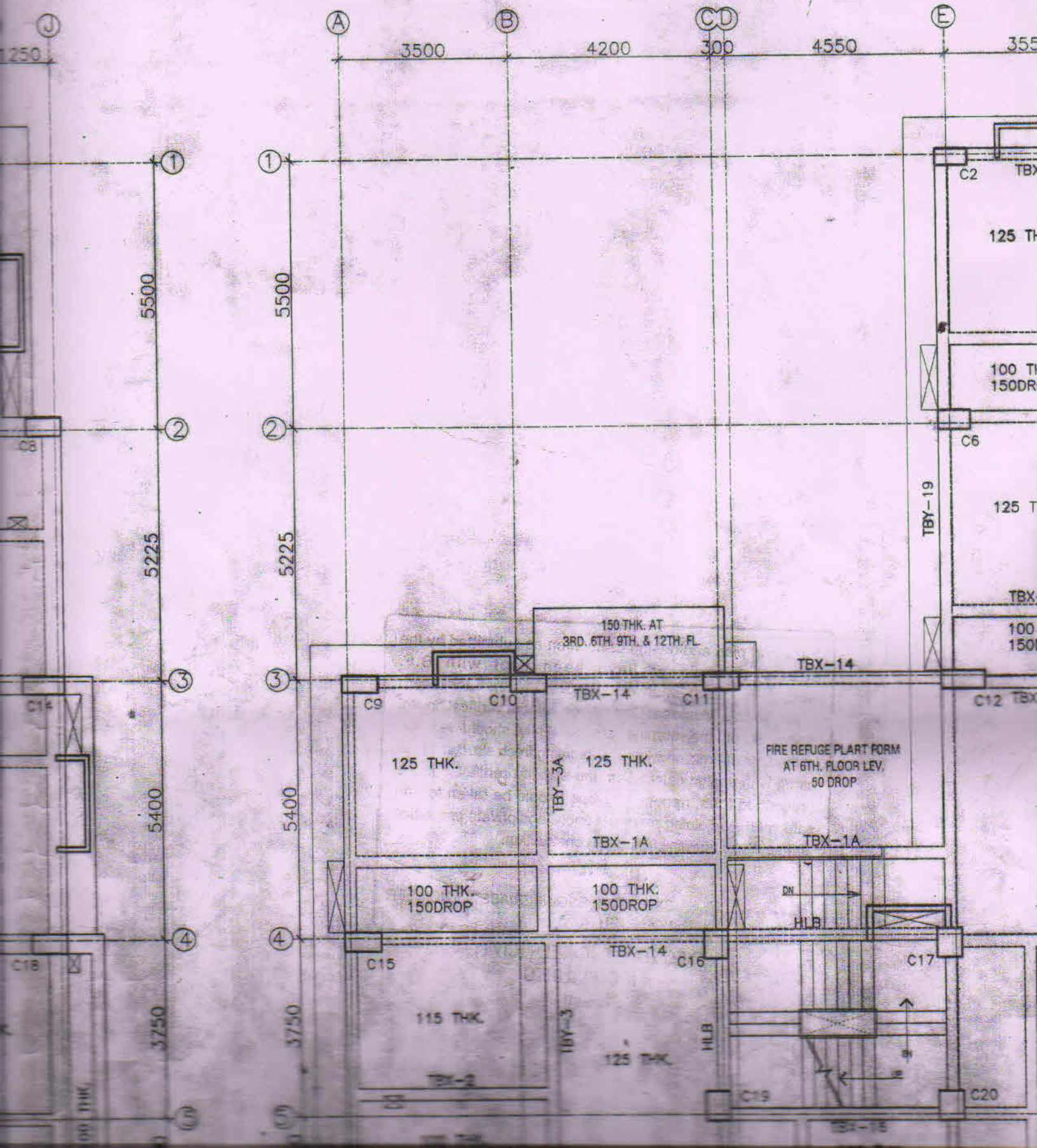
BEAM MKD.	BEAM SIZE	SUPPORT REINF.			T
		TOP	BOTTOM	STIRRUPS	
TBX-1	(250X500)	3-25T+ 3-16T	3-20T	8T@115C/C	2-25
TBX-1A	(250X400)	3-20T	3-20T	8T@150C/C	2-20
TBX-2	(250X500)	2-20T	3-25T	8T@115C/C	2-20
TBX-2A	(250X400)	2-16T	3-20T	8T@150C/C	2-16
BX-3,4	(400X600)	4-25T+ 2-25T	4-25T	10T@125C/C(4L)	4-25
BX-A4	(250X500)	3-25T+ 3-16T	3-20T	8T@115C/C	2-25
BX-5	(250X600)	3-25T+ 3-16T	3-25T	8T@125C/C	2-25
BX-6	(250X600)	3-25T+ 3-16T	3-25T	8T@125C/C	2-25
BX-7	(250X400)	2-16T	3-16T	8T@150C/C	2-16
BX-8,9	(400X600)	4-25T+ 2-25T	4-25T	10T@125C/C(4L)	4-25
BX-10	(250X500)	3-25T+ 3-16T	3-20T	8T@115C/C	2-25
BX-11	(250X600)	3-25T+ 3-16T	3-25T	8T@125C/C	2-25
BX-12	(400X600)	4-25T+ 2-25T	4-25T	10T@125C/C(4L)	4-25 4-16
BX-12A	(250X500)	3-25T+ 3-16T	3-20T	8T@115C/C	2-25
BX-13	(250X500)	3-25T+ 3-16T	3-20T	8T@115C/C	2-25
BX-14	(250X500)	3-25T+ 3-16T	3-20T	8T@115C/C	2-25
BX-15	(250X500)	3-25T+ 3-16T	3-20T	8T@115C/C	2-25
BX-16	(250X500)	3-25T+ 3-16T	3-20T	8T@115C/C	2-25
BX-17	(250X500)	3-25T+ 3-16T	3-20T	8T@115C/C	2-25
BX-1	(400X600)	4-25T+ 2-25T	4-25T	10T@125C/C(4L)	4-25

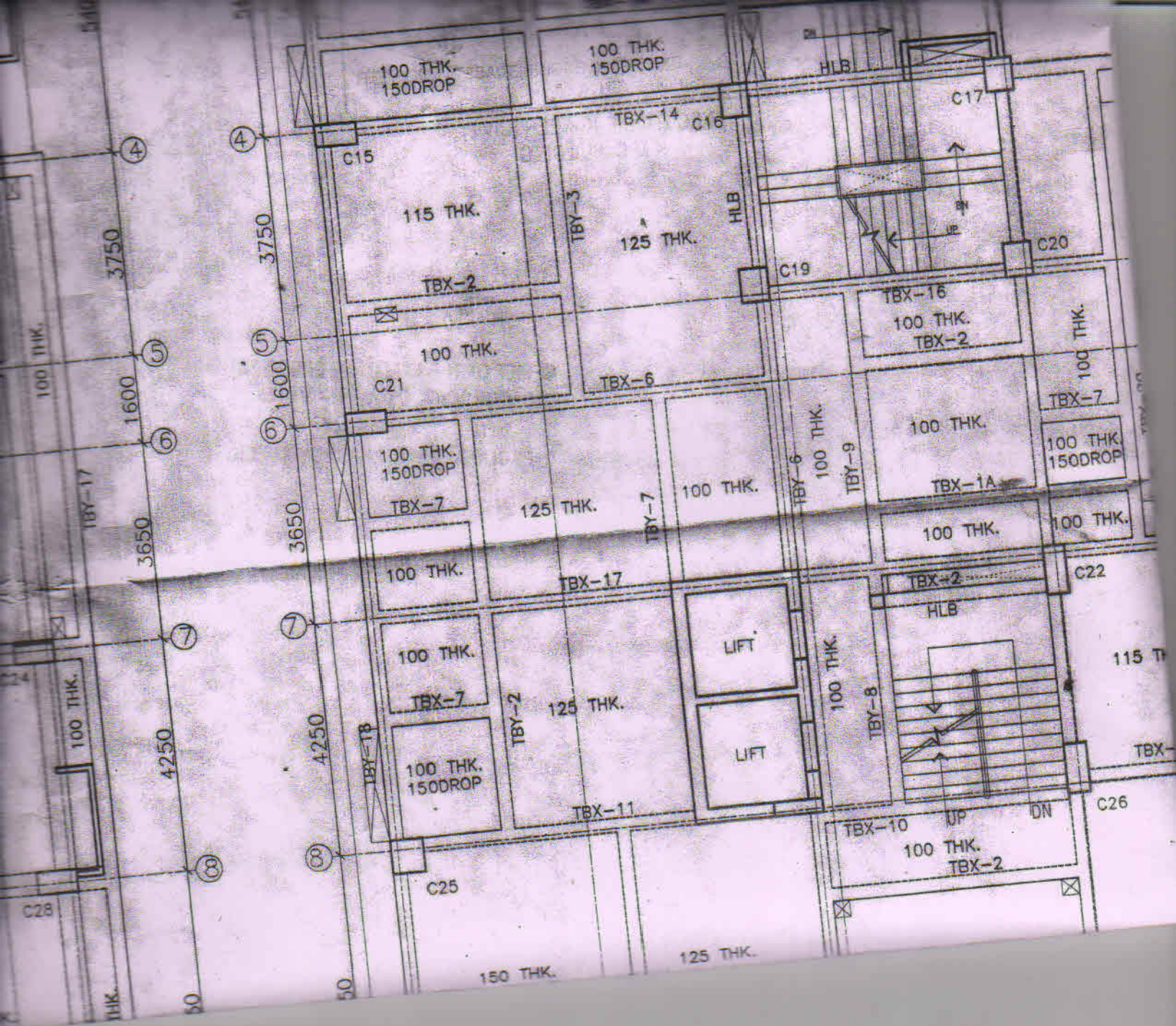


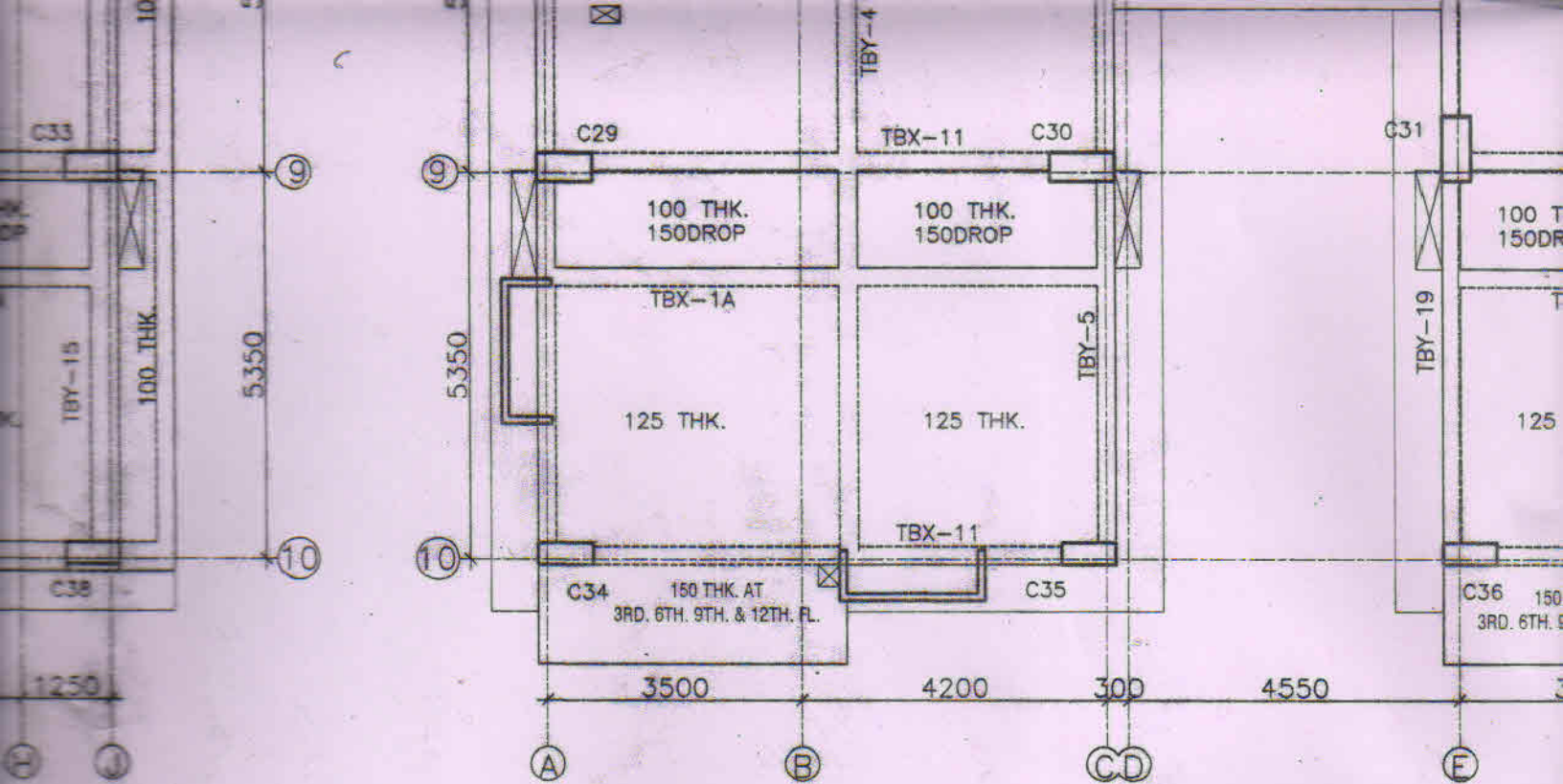
BX-12	(250X500)	3-25T+ 3-16T	3-20T	8T@115C/C	2-25
BX-13	(250X500)	3-25T+ 3-16T	3-20T	8T@115C/C	2-25
BX-14	(250X500)	3-25T+ 3-16T	3-20T	8T@115C/C	2-25
BX-15	(250X500)	3-25T+ 3-16T	3-20T	8T@115C/C	2-25
BX-16	(250X500)	3-25T+ 3-16T	3-20T	8T@115C/C	2-25
BX-17	(250X500)	3-25T+ 3-16T	3-20T	8T@115C/C	2-25
BY-1	(400X600)	4-25T+ 2-25T	4-25T	10T@125C/C(4L)	4
BY-2	(250X500)	3-20T+ 3-16T	3-25T	8T@115C/C	2
BY-3	(250X500)	3-20T+ 3-16T	3-25T	8T@115C/C	2
BY-4	(250X500)	3-25T+ 3-16T	3-25T	8T@115C/C	2
BY-5,6	(250X600)	3-25T+ 3-16T	3-25T	8T@125C/C	2
BY-7	(250X500)	3-20T+ 3-16T	3-25T	8T@115C/C	2
BY-8	(250X500)	2-20T	3-25T	8T@115C/C	2
BY-9	(250X500)	2-20T	3-25T	8T@115C/C	2
BY-10	(400X600)	4-25T+ 2-25T	4-25T	10T@125C/C(4L)	4
BY-10A	(250X400)	2-16T	3-16T	8T@150C/C	2
BY-11	(250X400)	2-16T	3-16T	8T@150C/C	2
BY-12,14	(400X600)	4-25T+ 2-25T	4-25T	10T@125C/C(4L)	4
BY-13	(250X500)	3-25T+	3-25T	8T@115C/C	2



BY-15	(400X600)	4-25T+ 2-25T	4-25T	10T@125C/C(4L)	4-
BY-16	(250X500)	3-25T+ 3-16T	3-25T	8T@115C/C	2-
BY-17	(250X500)	3-25T+ 3-16T	3-25T	8T@115C/C	2-
BY-18	(250X600)	3-25T+ 3-16T	3-25T	8T@125C/C	2-
BY-19	(250X600)	3-25T+ 3-16T	3-25T	8T@125C/C	2-
BY-20	(250X500)	2-20T	3-25T	8T@115C/C	2-
BY-21,22	(250X600)	3-25T+ 3-16T	3-25T	8T@125C/C	2-
BY-23,24	(250X600)	3-25T+ 3-16T	3-25T	8T@125C/C	2-

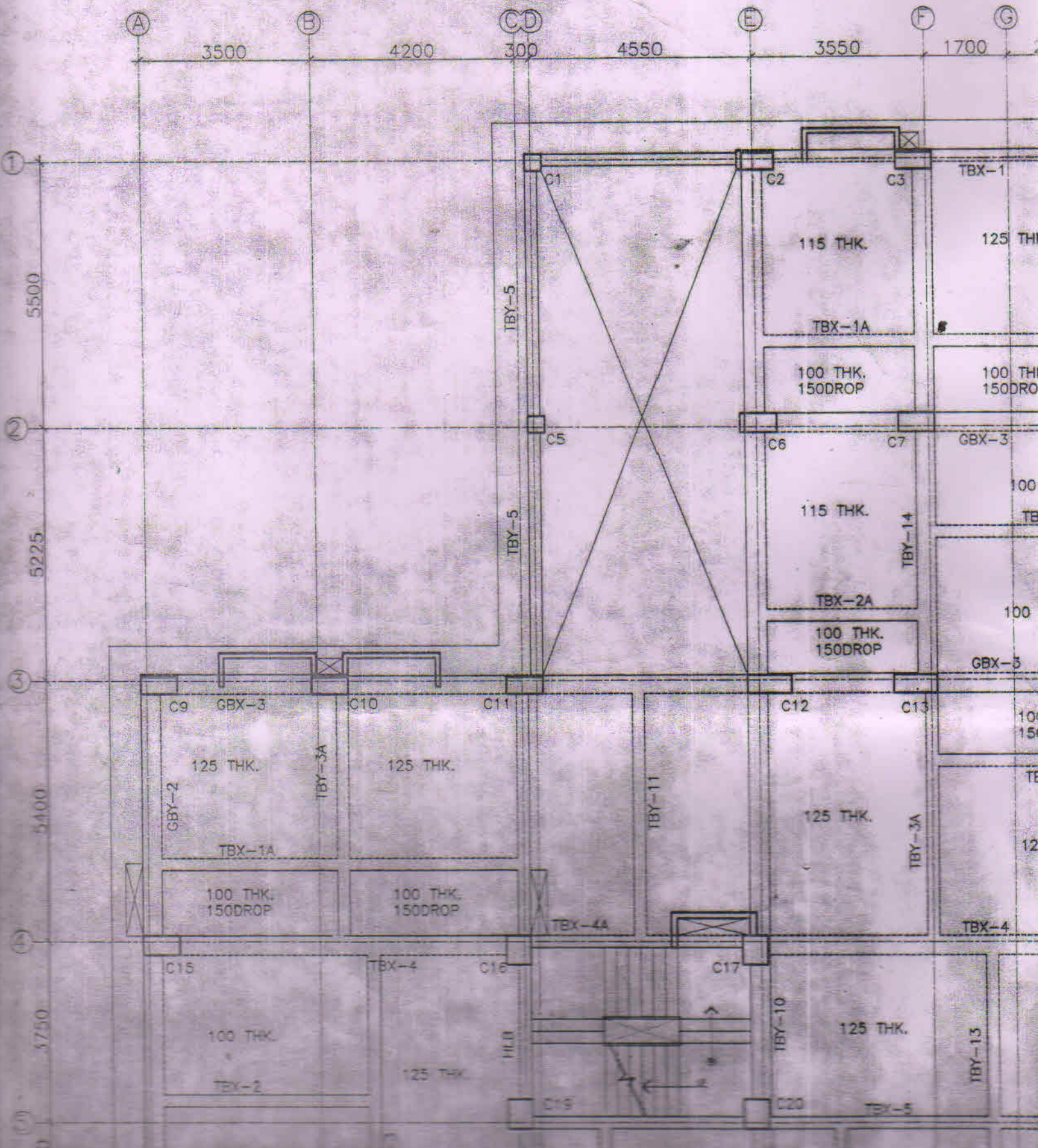
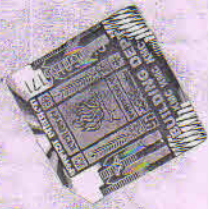


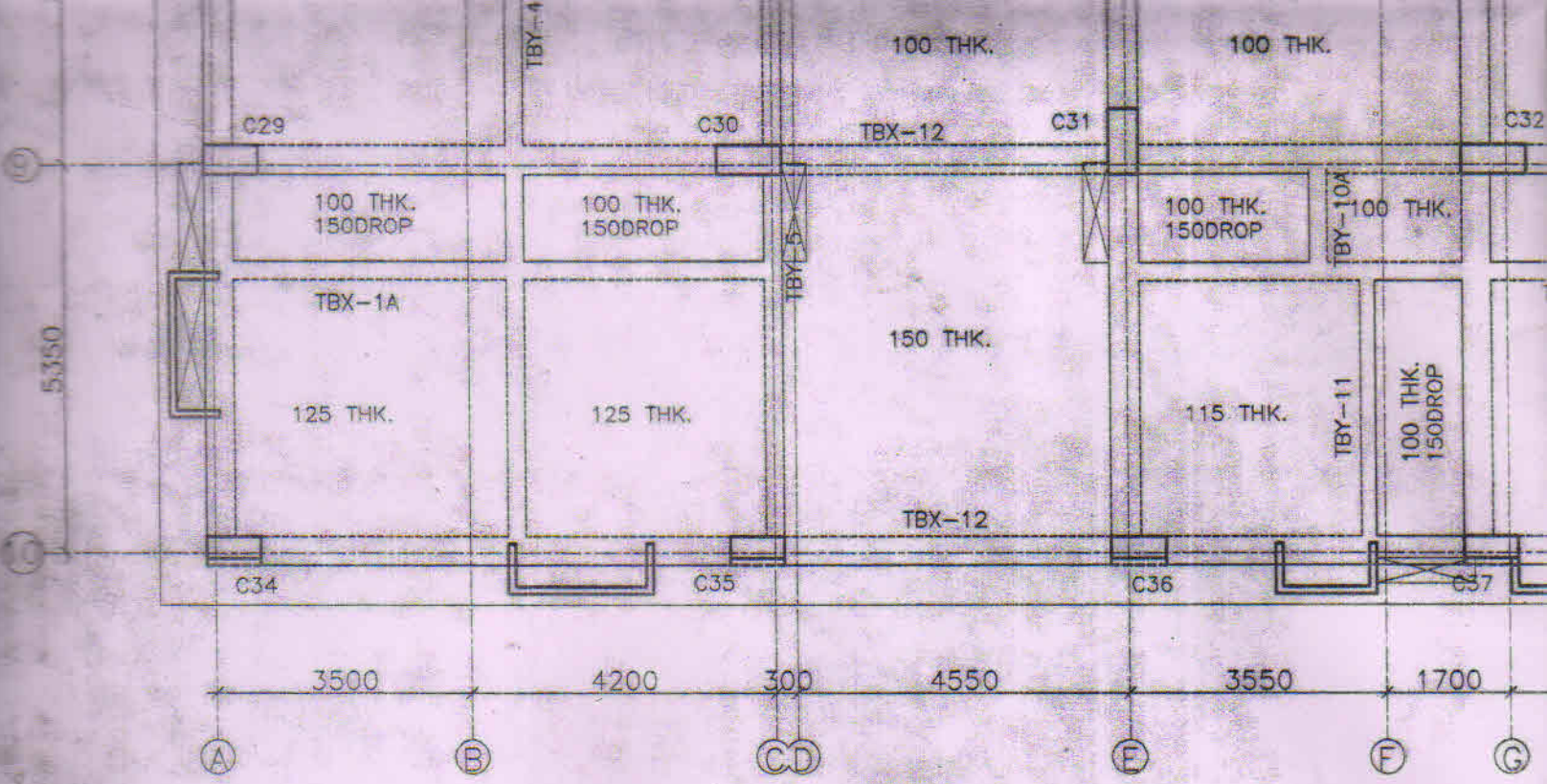




SLAB SCHEDULE

SLAB THK.	SHORT SPAN		LONG SPAN	
	SUPPORT TOP	MID SPAN BOTTOM	SUPPORT TOP	MID SPAN BOTTOM
100	8T@150c/c	8T@200c/c	8T@150c/c	8T@200c/c
115	8T@150c/c	8T@175c/c	8T@150c/c	8T@175c/c
125	8T@125c/c	8T@150c/c	8T@125c/c	8T@150c/c
150	10T@150c/c	10T@200c/c	8T@150c/c	8T@200c/c





GA. OF SECOND FLOOR (EXISTING)