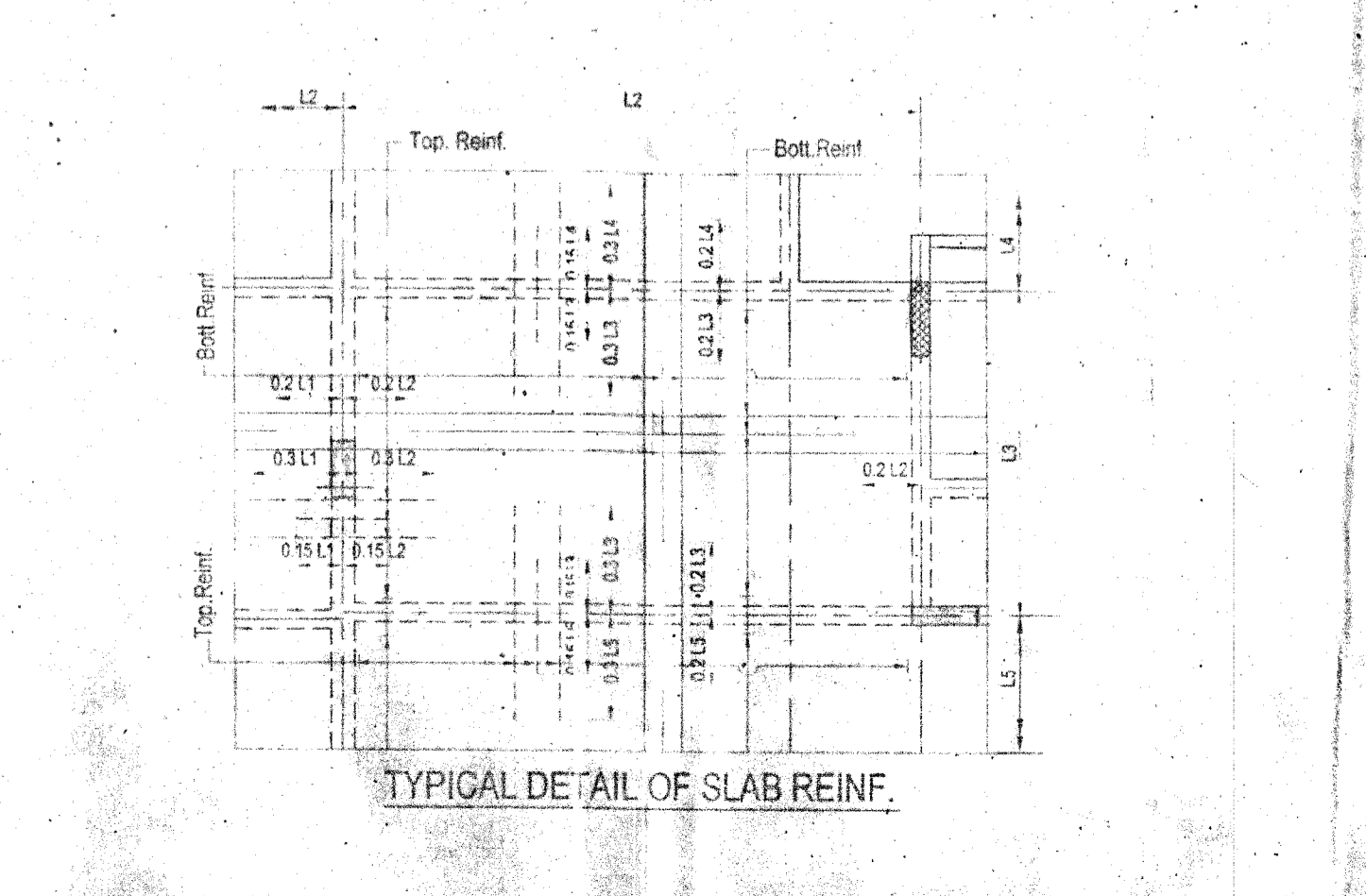
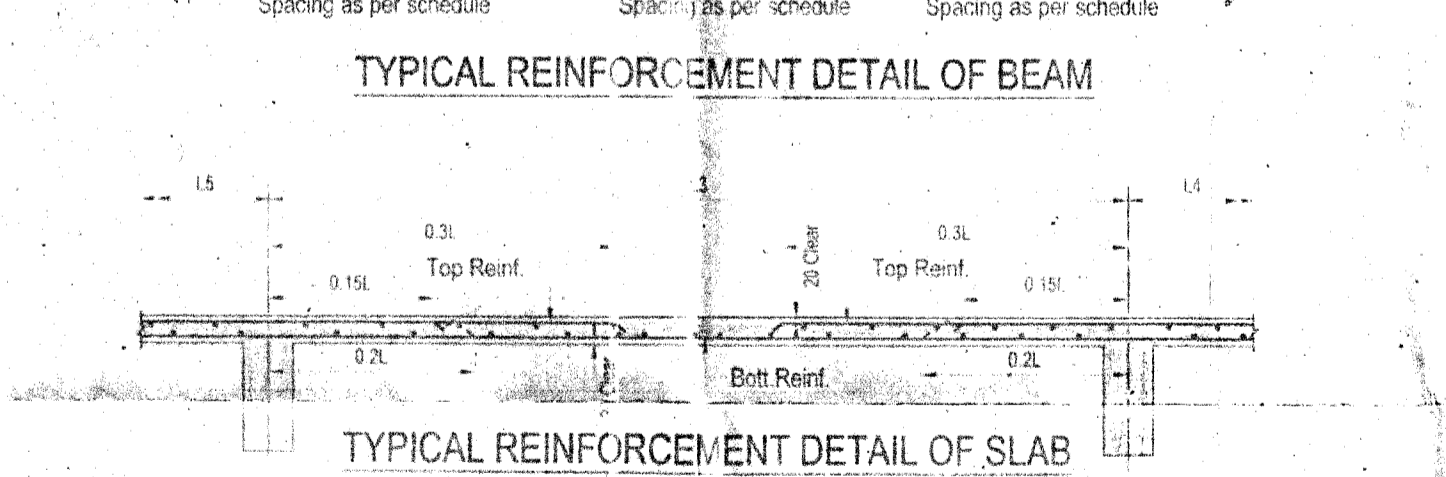
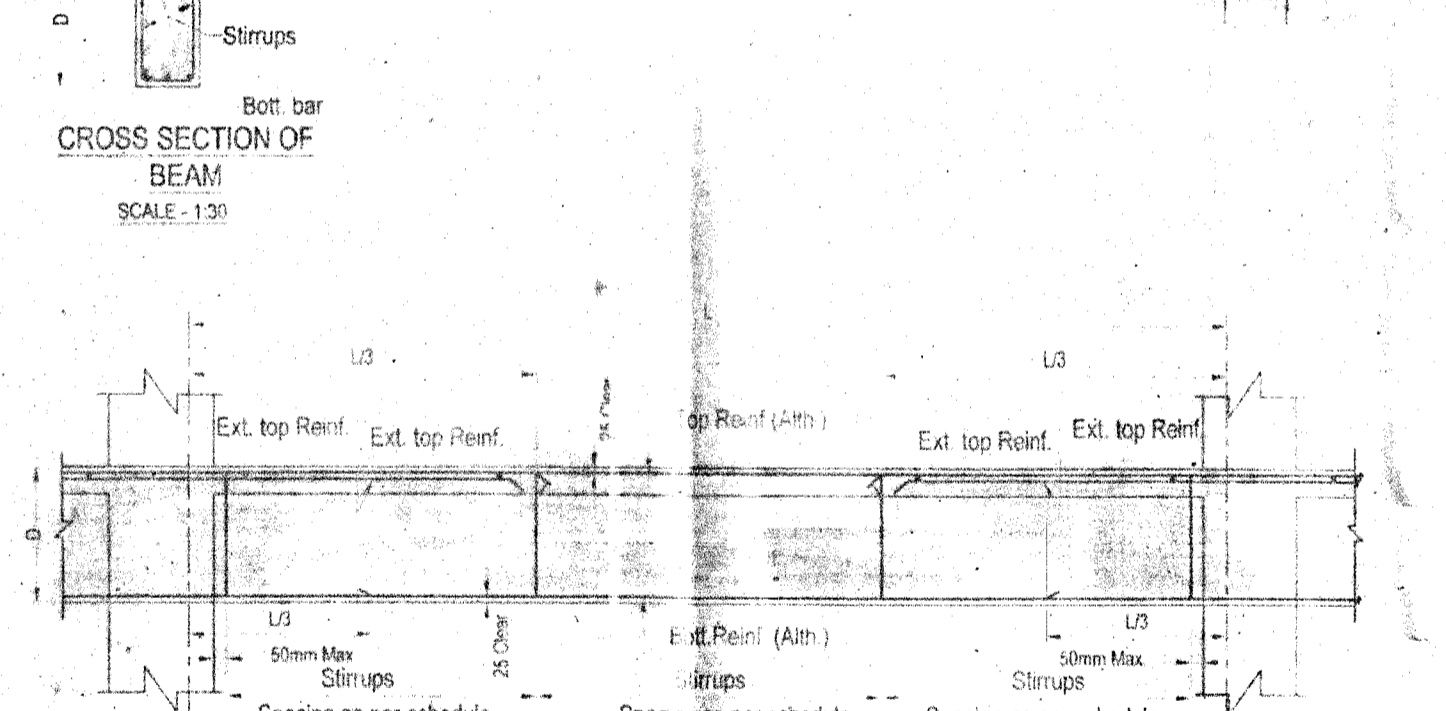
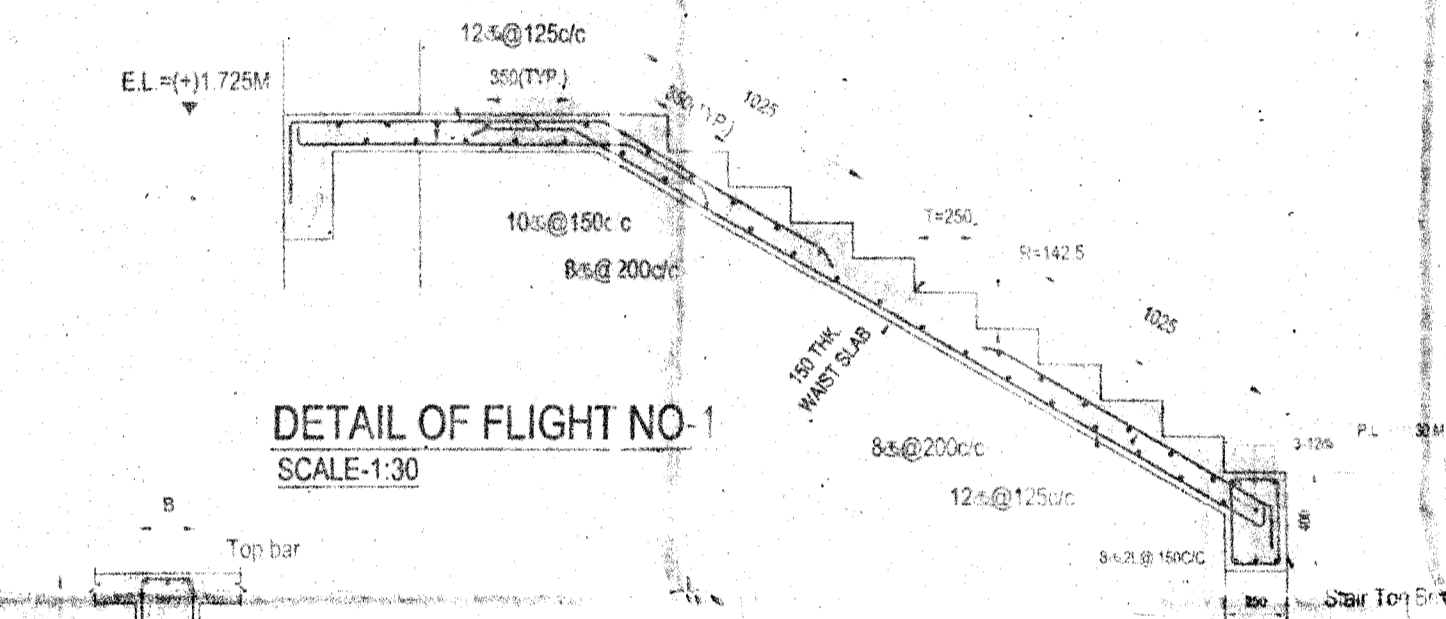
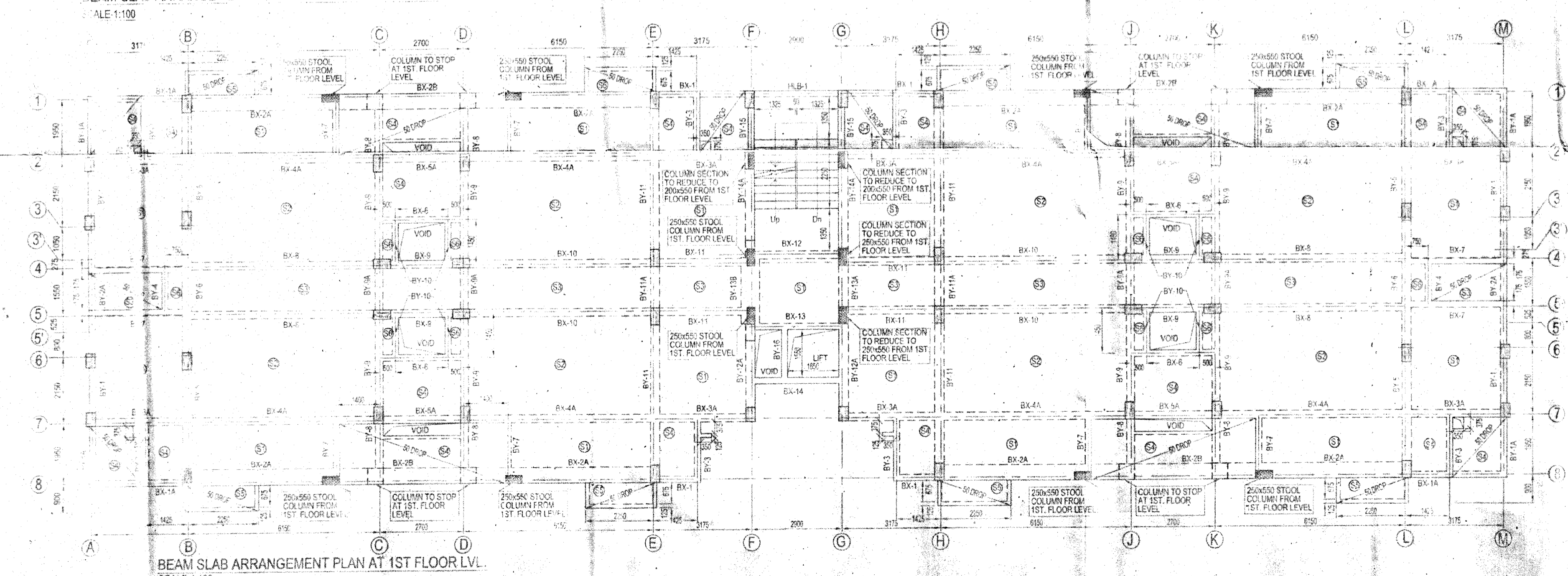
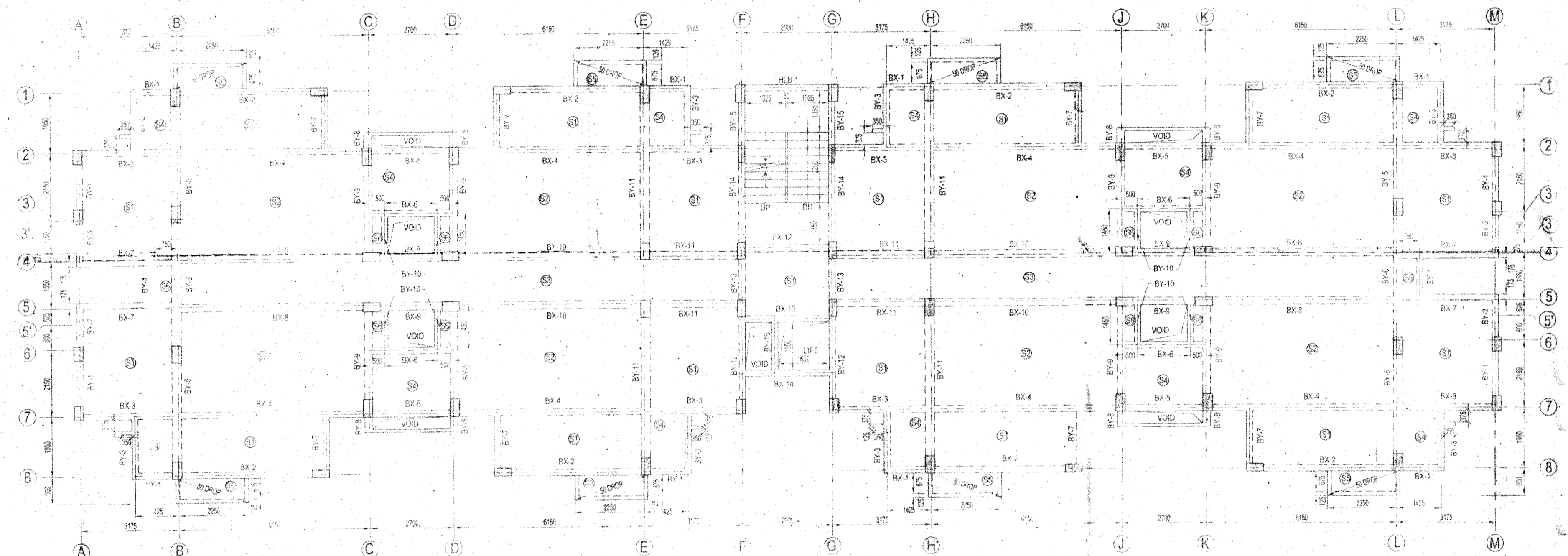
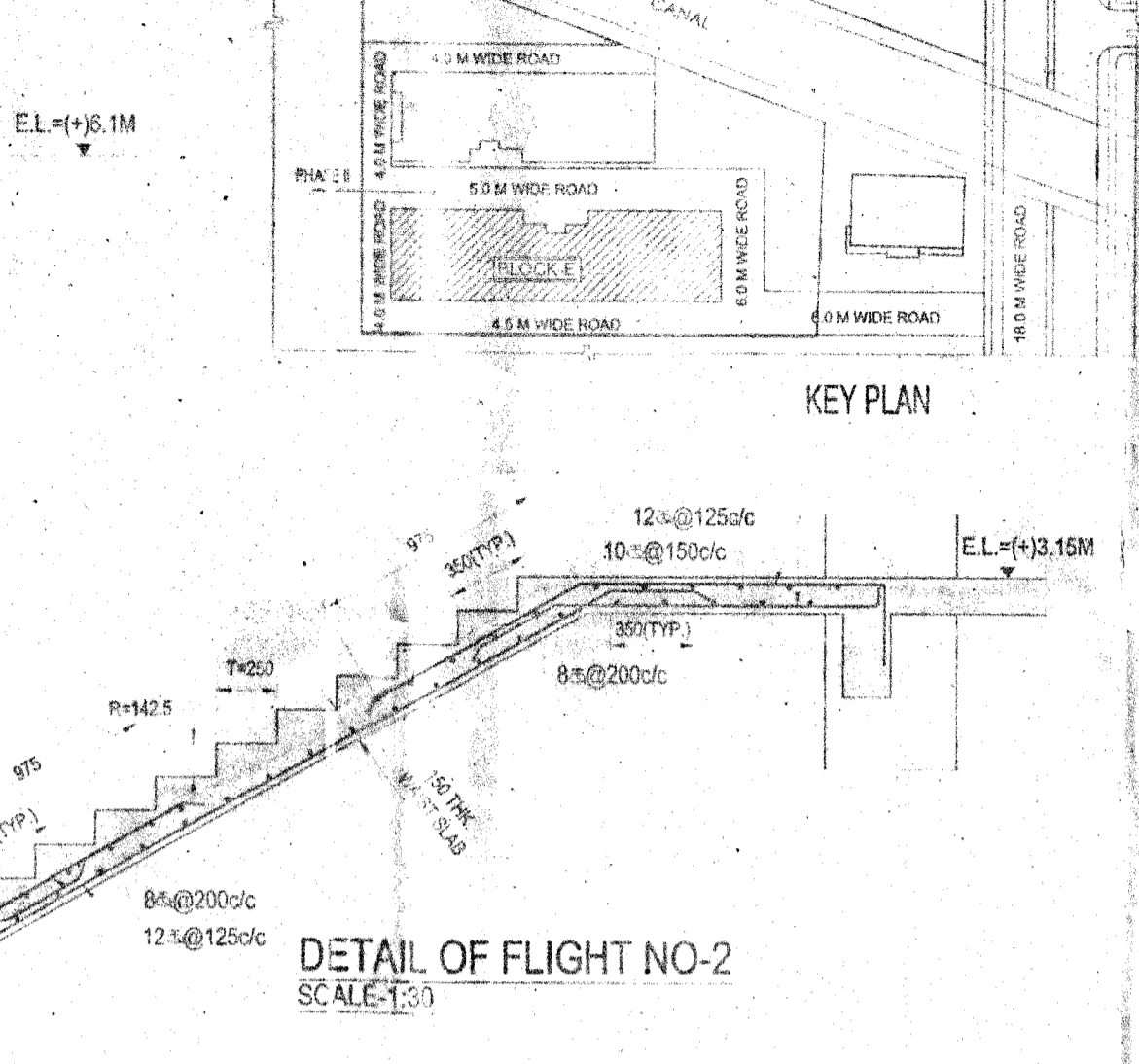
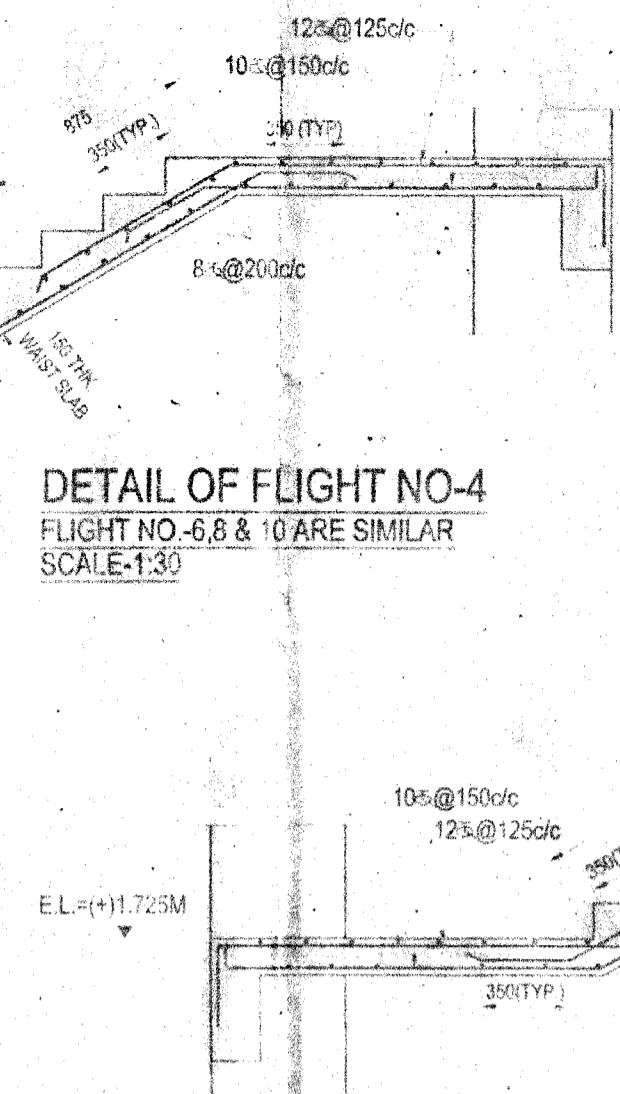
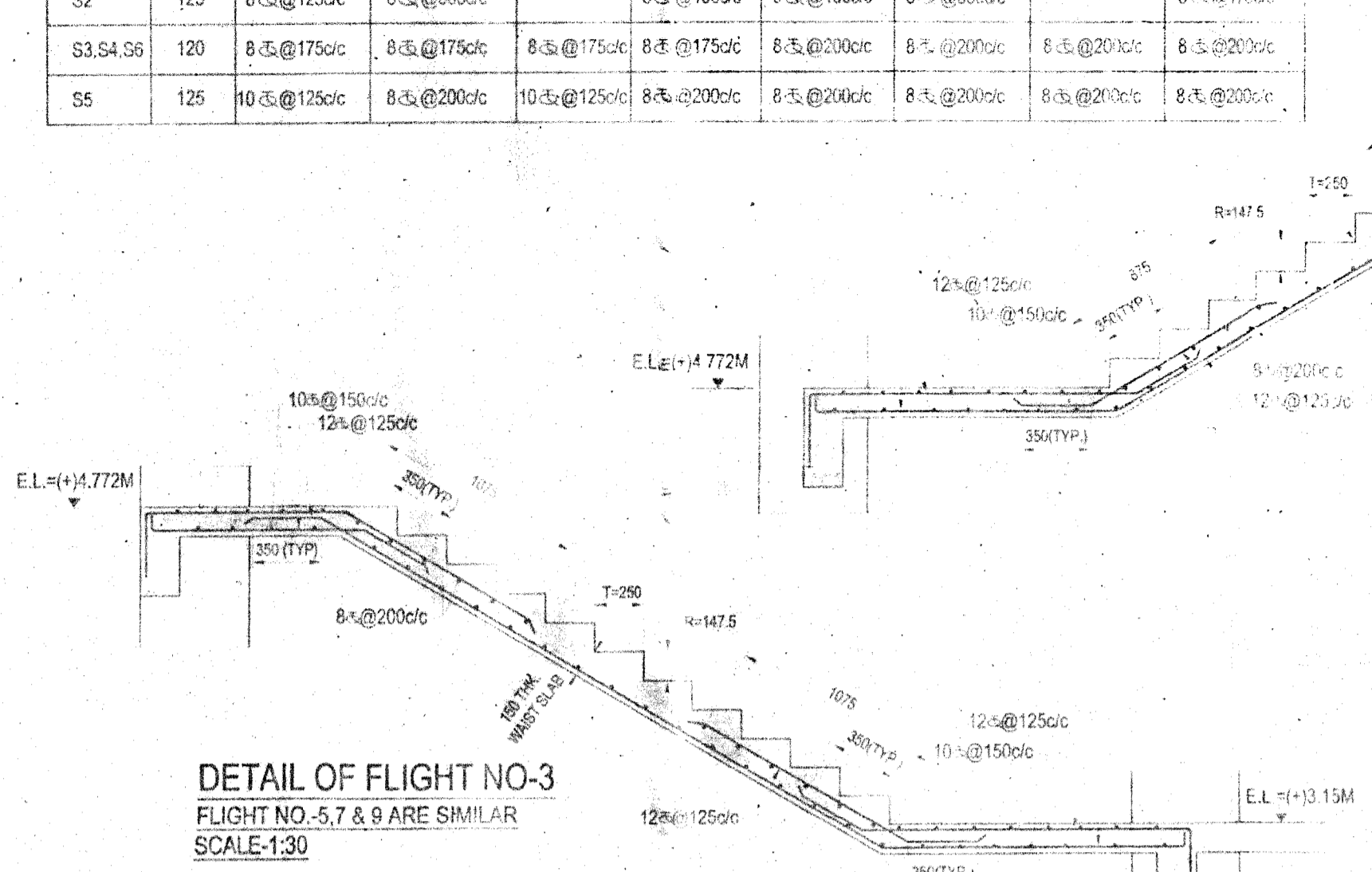
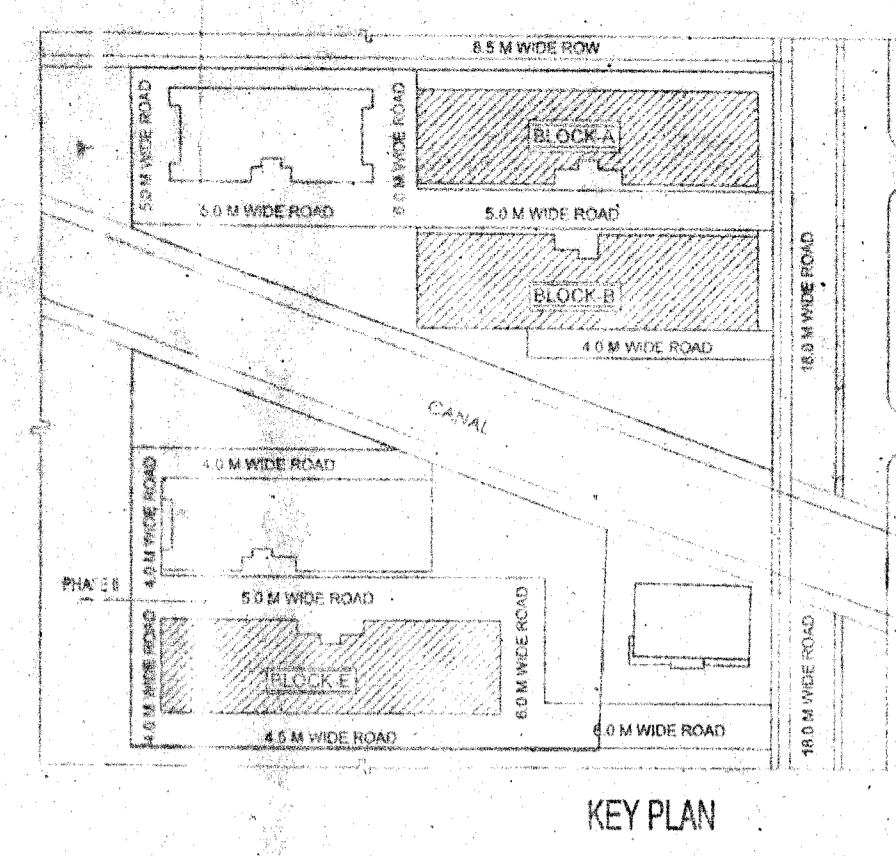


BEAM MKD	SIZE (mm)	REINF. AT SUPPORT			REINF. AT SPAN			REMARKS
		TOP	BOT	STRPS	TOP	BOT	STRPS	
		TOP	BOT	STRPS	TOP	BOT	STRPS	
BX-1BY-2	200x500	2-16 $\phi$ +2-12 $\phi$	2-16 $\phi$	8 $\phi$ 2L@110CC	---	---	---	
BX-1A BY 1A	200x500	2-16 $\phi$ +2-12 $\phi$	2-16 $\phi$	8 $\phi$ 2L@110CC	---	---	---	
BX-2A BY 2B	500x500	7-20 $\phi$	4-20 $\phi$	10 $\phi$ 4L@110CC	4-20 $\phi$	7-20 $\phi$	8 $\phi$ 4L@110CC	
BX-2 BY 3 BY 5	200x500	2-16 $\phi$ +2-12 $\phi$	2-16 $\phi$	8 $\phi$ 2L@110CC	2-16 $\phi$	2-16 $\phi$	8 $\phi$ 2L@110CC	
BX-4	200x500	4-16 $\phi$	2-16 $\phi$	8 $\phi$ 2L@110CC	2-16 $\phi$	2-16 $\phi$	8 $\phi$ 2L@110CC	
BX-3A BY 3A	250x500	3-20 $\phi$	2-20 $\phi$	8 $\phi$ 2L@110CC	2-20 $\phi$	2-20 $\phi$	8 $\phi$ 2L@110CC	
BX-4A	250x500	3-20 $\phi$	2-20 $\phi$	8 $\phi$ 2L@110CC	2-20 $\phi$	2-20 $\phi$	8 $\phi$ 2L@110CC	
BX-6 BY 10 BY 16	700x400	2-12 $\phi$	2-12 $\phi$	8 $\phi$ 2L@110CC	2-12 $\phi$	2-12 $\phi$	8 $\phi$ 2L@110CC	
BX-7	200x500	2-16 $\phi$	2-16 $\phi$	8 $\phi$ 2L@110CC	2-16 $\phi$	2-16 $\phi$	8 $\phi$ 2L@110CC	
BX-8 BY 10 BY 6	250x500	3-20 $\phi$	3-16 $\phi$	8 $\phi$ 2L@110CC	2-20 $\phi$	3-16 $\phi$	8 $\phi$ 2L@110CC	
BX-9 BY 9	250x500	3-20 $\phi$	3-16 $\phi$	8 $\phi$ 2L@110CC	2-20 $\phi$	3-16 $\phi$	8 $\phi$ 2L@110CC	
BX-10 BY 11	350x500	2-16 $\phi$ +2-12 $\phi$	2-16 $\phi$	8 $\phi$ 2L@110CC	2-16 $\phi$	2-16 $\phi$	8 $\phi$ 2L@110CC	
BX-13 BY 14 BY 3	200x500	2-16 $\phi$	2-16 $\phi$	8 $\phi$ 2L@110CC	2-16 $\phi$	2-16 $\phi$	8 $\phi$ 2L@110CC	
BX-12	250x500	2-16 $\phi$	2-16 $\phi$	8 $\phi$ 2L@110CC	2-16 $\phi$	2-16 $\phi$	8 $\phi$ 2L@110CC	
HLB BY 15	400x400	4-12 $\phi$	2-12 $\phi$	8 $\phi$ 2L@110CC	2-16 $\phi$	2-16 $\phi$	8 $\phi$ 2L@110CC	
BY-22	400x500	2-16 $\phi$	2-16 $\phi$	8 $\phi$ 2L@110CC	2-16 $\phi$	2-16 $\phi$	8 $\phi$ 2L@110CC	
BY-1 BY 15	400x500	2-16 $\phi$	2-16 $\phi$	8 $\phi$ 2L@110CC	2-16 $\phi$	2-16 $\phi$	8 $\phi$ 2L@110CC	
BY-12 BY 14A	400x500	2-16 $\phi$	2-16 $\phi$	8 $\phi$ 2L@110CC	2-16 $\phi$	2-16 $\phi$	8 $\phi$ 2L@110CC	
BY-8 BY 9 BY 11	400x500	2-16 $\phi$	2-16 $\phi$	8 $\phi$ 2L@110CC	2-16 $\phi$	2-16 $\phi$	8 $\phi$ 2L@110CC	
BY-13A	400x500	2-16 $\phi$	2-16 $\phi$	8 $\phi$ 2L@110CC	2-16 $\phi$	2-16 $\phi$	8 $\phi$ 2L@110CC	
BY-11A	400x500	2-16 $\phi$	2-16 $\phi$	8 $\phi$ 2L@110CC	2-16 $\phi$	2-16 $\phi$	8 $\phi$ 2L@110CC	
BY-12 BY 13	400x500	2-16 $\phi$	2-16 $\phi$	8 $\phi$ 2L@110CC	2-16 $\phi$	2-16 $\phi$	8 $\phi$ 2L@110CC	
BY-14	400x500	2-16 $\phi$	2-16 $\phi$	8 $\phi$ 2L@110CC	2-16 $\phi$	2-16 $\phi$	8 $\phi$ 2L@110CC	
BY-13B	400x500	2-16 $\phi$	2-16 $\phi$	8 $\phi$ 2L@110CC	2-16 $\phi$	2-16 $\phi$	8 $\phi$ 2L@110CC	

SLAB MKD	THK (mm)	REINF. ALONG SHORT SPAN				REINF. ALONG LONG SPAN			
		AT SUPPORT		AT SPAN		AT SUPPORT		AT SPAN	
		TOP	BOT	TOP	BOT	TOP	BOT	TOP	BOT
S1	120	8 $\phi$ @150cc	8 $\phi$ @300cc	8 $\phi$ @150cc	8 $\phi$ @175cc	8 $\phi$ @150cc	8 $\phi$ @200cc	8 $\phi$ @175cc	8 $\phi$ @200cc
S2	125	8 $\phi$ @150cc	8 $\phi$ @300cc	8 $\phi$ @150cc	8 $\phi$ @175cc	8 $\phi$ @150cc	8 $\phi$ @200cc	8 $\phi$ @175cc	8 $\phi$ @200cc
S3,S4,S5	120	8 $\phi$ @175cc	8 $\phi$ @175cc	8 $\phi$ @175cc	8 $\phi$ @175cc	8 $\phi$ @200cc	8 $\phi$ @200cc	8 $\phi$ @200cc	8 $\phi$ @200cc
S5	125	10 $\phi$ @125cc	8 $\phi$ @200cc	10 $\phi$ @125cc	8 $\phi$ @200cc	8 $\phi$ @200cc	8 $\phi$ @200cc	8 $\phi$ @200cc	8 $\phi$ @200cc



**PROJECT:** PROPOSED PLAN OF G+IV RESIDENTIAL DEVELOPMENT AT KANCHANJANGA INTEGRATED INDUSTRIAL TOWNSHIP AT JALPAIGURI.

**TITLE:** BEAM SLAB ARRANGEMENT PLAN AT 1ST FLOOR, TYPICAL FLOOR, SCHEDULES. (BLOCK-A,B,E)

**NOTES:**

- ALL DIMENSIONS ARE IN MM. U.O.M.
- DIMENSION ARE TO HEAD ONLY NOT TO BE SCALED.
- CLEAR COVER TO MAIN REINFORCEMENT FOR:
  - Slab - i) Top & bottom = 20 mm. ii) End = 25 mm
  - Floor beam = 30 mm
- GRADE OF:
  - CONCRETE = M-25 DESIGN MIX & WATER CEMENT RATIO SHALL BE MAINTAINED WATER CEMENT RATIO SHALL BE MAINTAINED BETWEEN 0.39 TO 0.40 BY APPLYING SUPER PLASTICISER AS WATER REDUCING & MIXER.
  - STEEL = Fe 550.
  - CEMENT SHALL BE EQUIVALENT TO S3.
- STEEL CHAIRS AND SPACER BARS WHEREVER NECESSARY SHALL BE PROVIDED BETWEEN TWO LAYERS OF REINF.
- FOR ANY OTHER GUIDELINE NOT STATED IN THIS DRAWING RELEVANT I.S. CODES ARE TO BE FOLLOWED.

**SIGNATURE**  
AUTHORISED SIGNATORY

**SIGNATURE OF OWNER**  
AUTHORISED SIGNATORY: KANCHANJANGA INTEGRATED INFRASTRUCTURE DEVELOPMENT PRIVATE LIMITED.

**SIGNATURE OF ARCHITECT**  
THE STRUCTURAL DESIGN & DRAWINGS OF BOTH FOUNDATION & SUPERSTRUCTURE OF THE BUILDING HAS BEEN MADE BY CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER NATIONAL BUILDING CODE & CERTIFIED THAT IT IS SAFE & STABLE IN ALL RESPECT. MOREOVER I SHALL BE HELD RESPONSIBLE FOR ANY STRUCTURE DAMAGE OR FAILURE IF HAPPENED DURING CONSTRUCTION PERIOD & THEREAFTER BEYOND THE DATE OF TAKING COMPLETION CERTIFICATE.

**SIGNATURE OF STRUCTURAL ENGINEER**  
CLIENT: KANCHANJANGA INTEGRATED INFRASTRUCTURE DEVELOPMENT PRIVATE LIMITED.  
PRINCIPAL ARCHITECT / CONSULTANT: MAHESHWARI & ASSOCIATES, 37A BAKER ROAD, 2ND FLOOR, ALIPORE, KOLKATA - 700027. Tel: 65334966, 65229594.  
STRUCTURAL CONSULTANT: SINHA & ASSOCIATES ENGINEERS & DESIGN CONSULTANTS, 157, BINODA BHAYE ROAD, KOL. - 700039. PH. NO. :- 2407-4058. E-mail:- sanda @ call2winl.net.in

DATE: 28.12.2018  
SCALE: 1:100, 100, 50, 25, 20  
DWG NO: S&A / KANCHANJANGA / CRP / NIST-102  
REV - 01