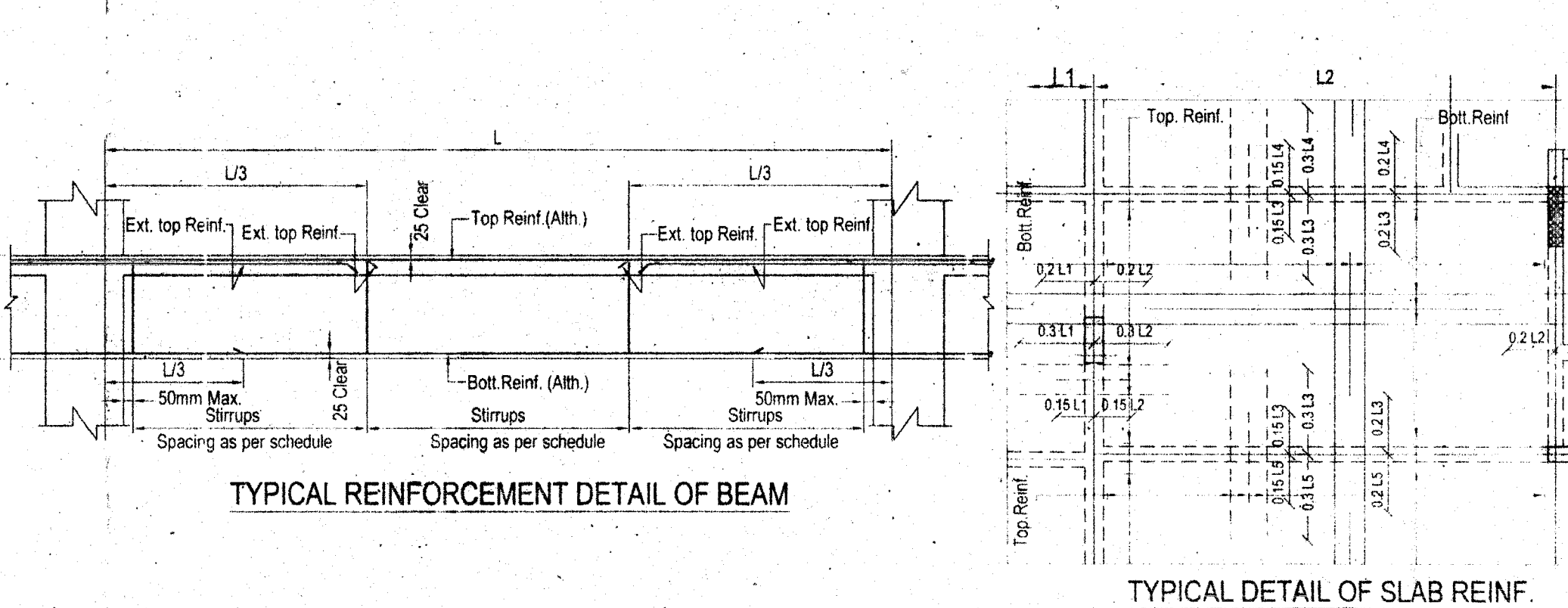
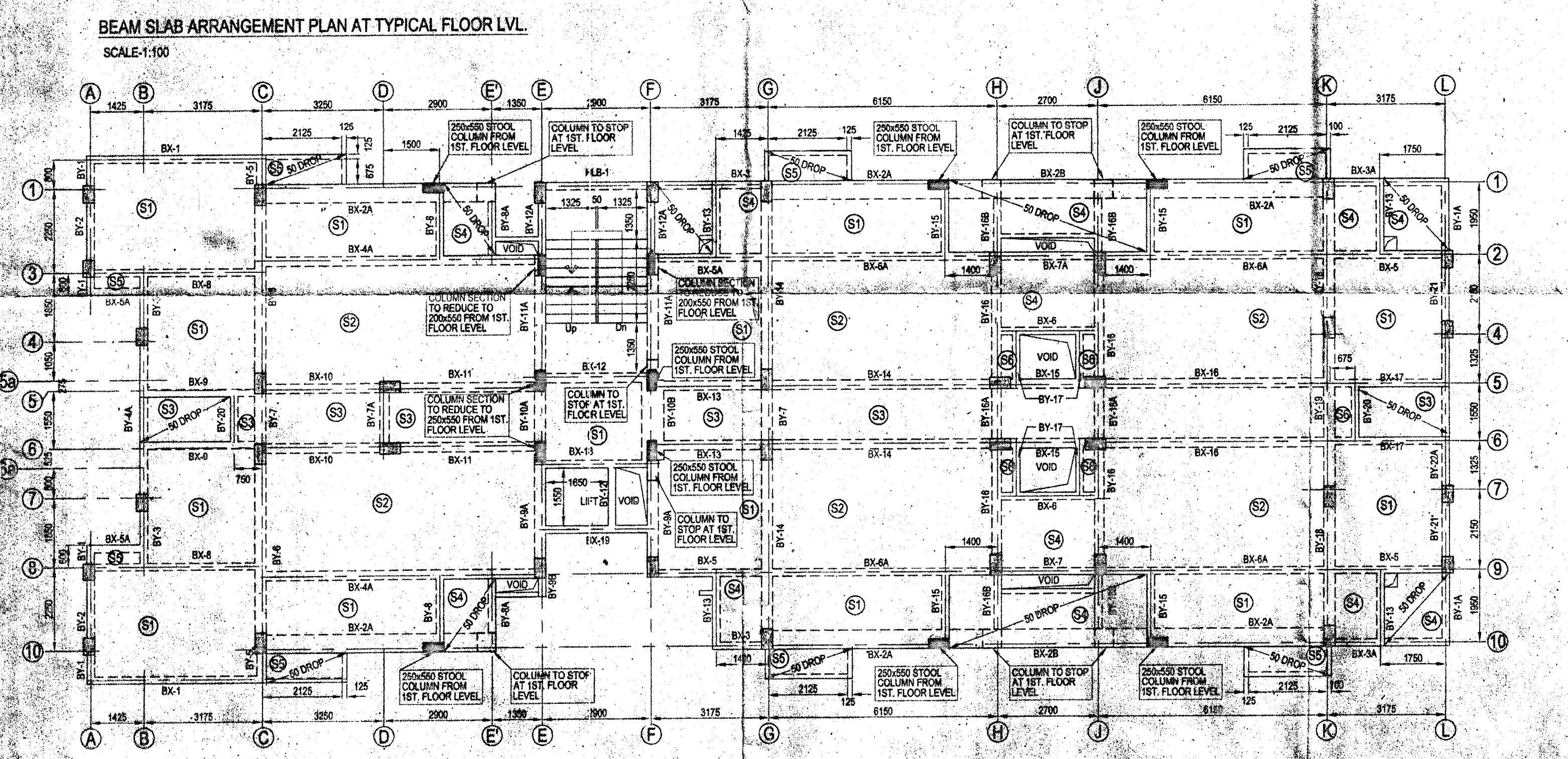
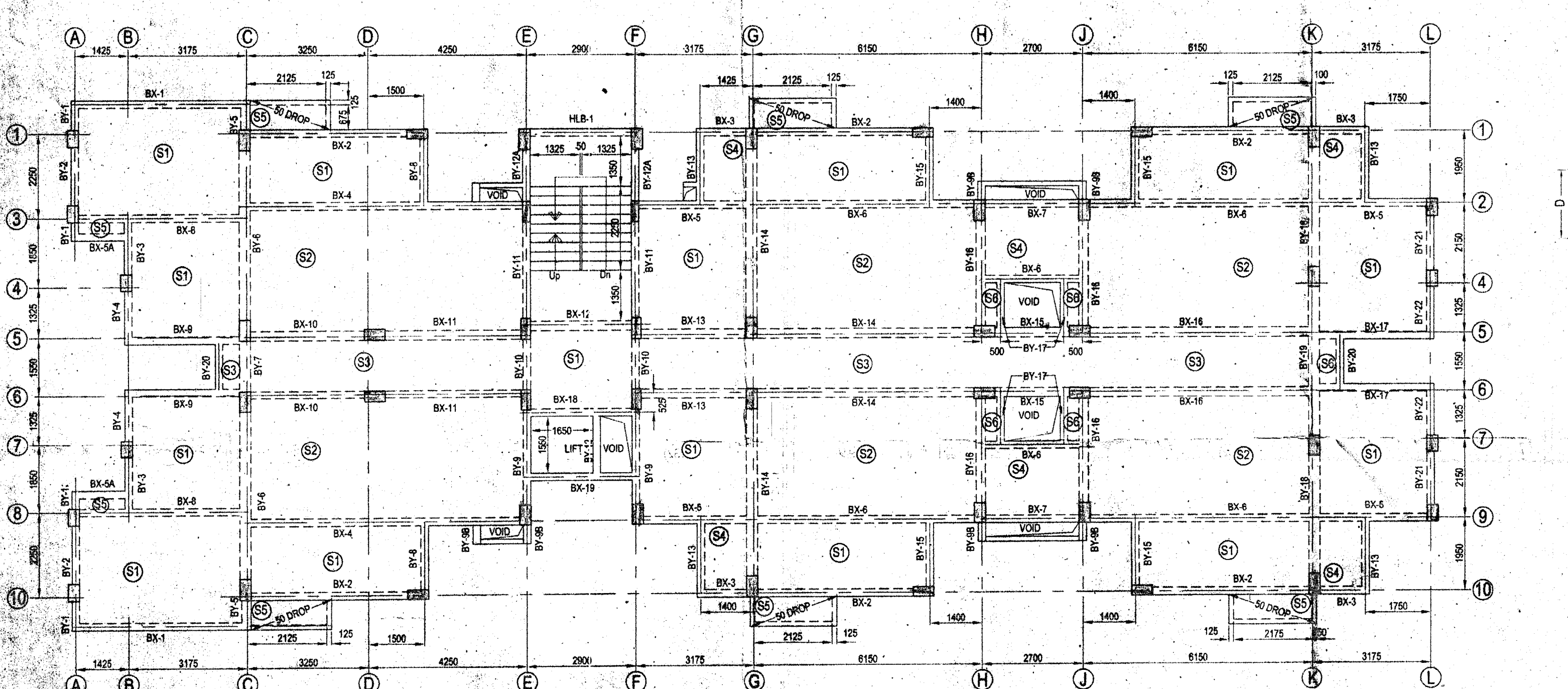
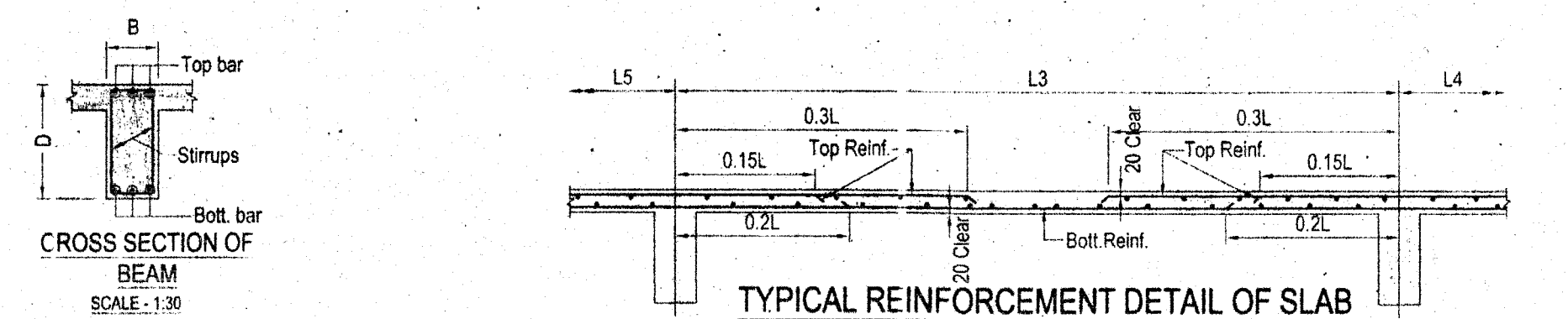
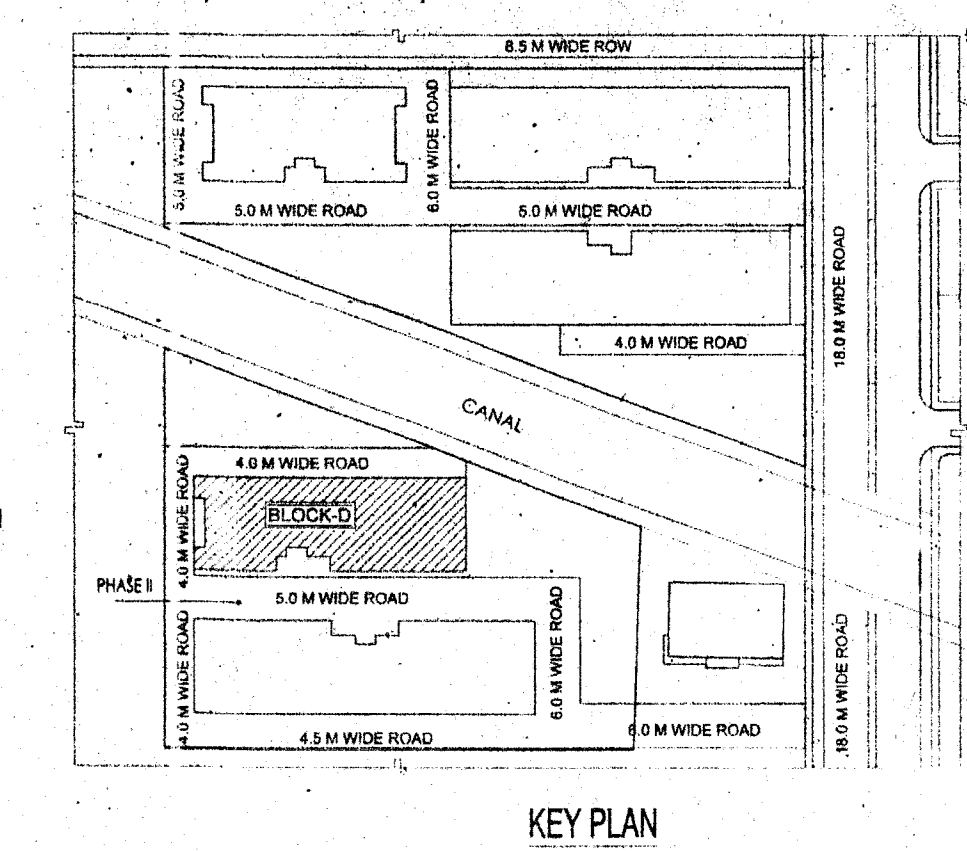
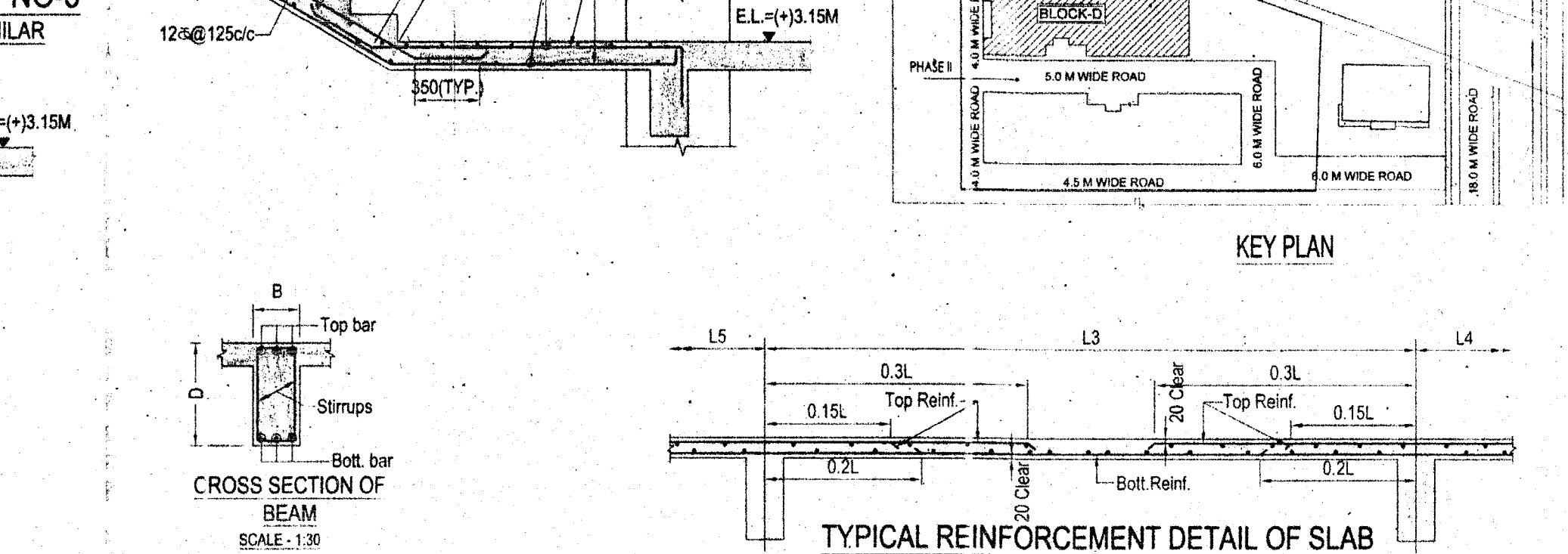
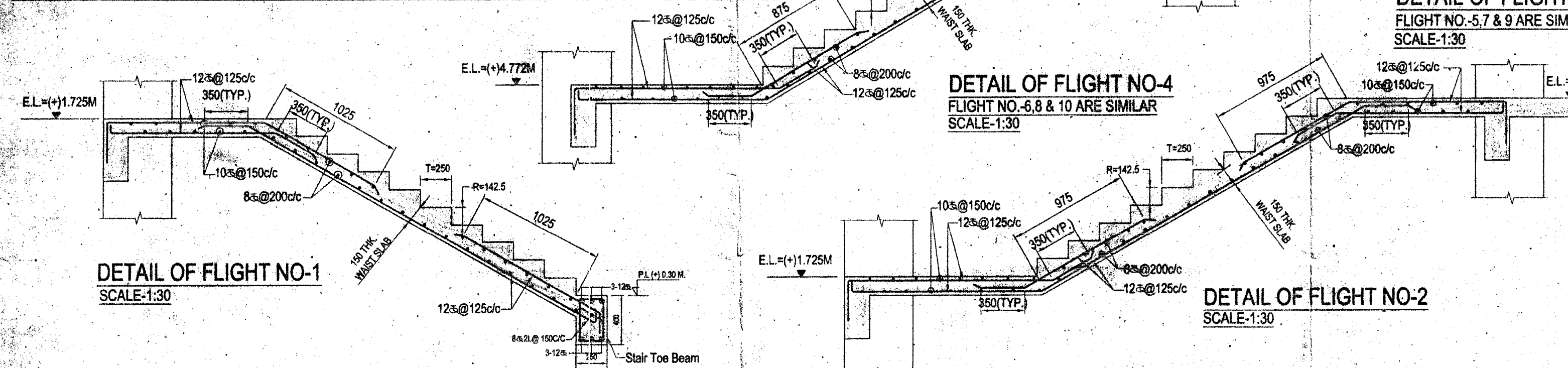


**SCHEDULE OF SLAB :**

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 $\phi$ @150c	8 $\phi$ @300c	8 $\phi$ @150c	8 $\phi$ @175c	8 $\phi$ @200c	8 $\phi$ @150c	8 $\phi$ @200c	
S2	125	8 $\phi$ @125c	8 $\phi$ @300c	8 $\phi$ @150c	8 $\phi$ @150c	8 $\phi$ @200c	8 $\phi$ @150c	8 $\phi$ @175c	
S3,S4,S6	120	8 $\phi$ @175c	8 $\phi$ @175c	8 $\phi$ @175c	8 $\phi$ @175c	8 $\phi$ @200c	8 $\phi$ @200c	8 $\phi$ @200c	
S5	125	10 $\phi$ @125c	8 $\phi$ @200c	10 $\phi$ @125c	8 $\phi$ @200c	8 $\phi$ @200c	8 $\phi$ @200c	8 $\phi$ @200c	



**SCHEDULE OF BEAM:-**

BEAM MKD.	SIZE (mmmm)	REINF. AT SUPPORT			REINF. AT SPAN			REMARKS
		TOP	BOT	STRPS	TOP	BOT	STRPS	
BX-1	200x500	2-20 $\phi$	2-20 $\phi$	8 $\phi$ 2L@110C/C	---	---	---	
BX-3,BY-1, BY-4,BY-9B	200x500	2-20 $\phi$	2-16 $\phi$	8 $\phi$ 2L@110C/C	---	---	---	
BX-2A	500x500	7-20 $\phi$	4-20 $\phi$	10 $\phi$ 4L@110C/C	4-20 $\phi$	7-20 $\phi$	8 $\phi$ 4L@110C/C	
BX-2B	500x500/450	7-20 $\phi$	4-20 $\phi$	10 $\phi$ 4L@110C/C	4-20 $\phi$	7-20 $\phi$	8 $\phi$ 4L@110C/C	
BX-2,BX-5,BX-7,BX-8	200x500	2-16 $\phi$	2-16 $\phi$	8 $\phi$ 2L@110C/C	2-16 $\phi$	2-16 $\phi$	8 $\phi$ 2L@175C/C	
BX-3A,BY-1A	200x500	2-20 $\phi$	2-16 $\phi$	8 $\phi$ 2L@110C/C	---	---	---	
BX-4,BX-6	200x500	4-16 $\phi$	2-16 $\phi$	8 $\phi$ 2L@110C/C	2-16 $\phi$	2-16 $\phi$	8 $\phi$ 2L@175C/C	
BX-4A,BX-6A	250x500	3-20 $\phi$	3-20 $\phi$	8 $\phi$ 2L@110C/C	2-20 $\phi$	3-20 $\phi$	8 $\phi$ 2L@175C/C	
BX-5A,BX-7A	250x500	3-20 $\phi$	2-20 $\phi$	8 $\phi$ 2L@110C/C	2-20 $\phi$	2-20 $\phi$	8 $\phi$ 2L@175C/C	
BX-9,BX-17,BY-13	200x500	2-16 $\phi$	2-16 $\phi$	8 $\phi$ 2L@110C/C	2-16 $\phi$	2-16 $\phi$	8 $\phi$ 2L@175C/C	
BY-3,BY-8A	250x500	3-20 $\phi$	3-16 $\phi$	8 $\phi$ 2L@110C/C	2-20 $\phi$	3-16 $\phi$	8 $\phi$ 2L@175C/C	
BX-10,BX-11,BX-12, BX-13,BX-14,BX-15, BX-16,BY-7A	250x500	2-16 $\phi$	3-16 $\phi$	8 $\phi$ 2L@110C/C	2-16 $\phi$	3-16 $\phi$	8 $\phi$ 2L@175C/C	
BX-5A,BX-18,BX-19, BY-8,BY-12,BY-15, BY-17,BY-20	200x500	2-16 $\phi$	2-16 $\phi$	8 $\phi$ 2L@110C/C	2-16 $\phi$	2-16 $\phi$	8 $\phi$ 2L@175C/C	
BY-5	200x500	2-20 $\phi$	3-16 $\phi$	8 $\phi$ 2L@110C/C	---	---	---	
BY-16,BY-16A, BY-16B	250x500	3-20 $\phi$	3-16 $\phi$	8 $\phi$ 2L@110C/C	2-20 $\phi$	3-16 $\phi$	8 $\phi$ 2L@175C/C	
HLB-1	200x500	2-16 $\phi$	2-16 $\phi$	8 $\phi$ 2L@110C/C	2-16 $\phi$	2-16 $\phi$	8 $\phi$ 2L@175C/C	
BY-4A	200x500	2-20 $\phi$	2-20 $\phi$	8 $\phi$ 2L@110C/C	2-20 $\phi$	2-20 $\phi$	8 $\phi$ 2L@175C/C	
BY-2,BY-12A	200x500	2-16 $\phi$	2-16 $\phi$	8 $\phi$ 2L@110C/C	2-16 $\phi$	2-16 $\phi$	8 $\phi$ 2L@175C/C	
BY-6,BY-7,BY-9A, BY-10A,BY-11A, BY-18,BY-19	300x500	5-20 $\phi$	3-20 $\phi$	10 $\phi$ 2L@110C/C	3-20 $\phi$	3-20 $\phi$	8 $\phi$ 2L@110C/C	
BY-9,BY-10, BY-11	200x500	2-16 $\phi$	2-16 $\phi$	8 $\phi$ 2L@110C/C	2-16 $\phi$	2-16 $\phi$	8 $\phi$ 2L@150C/C	
BY-10B	600x600	5-20 $\phi$	5-20 $\phi$	10 $\phi$ 4L@110C/C	5-20 $\phi$	5-20 $\phi$	8 $\phi$ 4L@110C/C	
BY-21	200x500	2-16 $\phi$	2-16 $\phi$	8 $\phi$ 2L@110C/C	2-16 $\phi$	2-16 $\phi$	8 $\phi$ 2L@175C/C	
BY-22A	200x500/450	2-16 $\phi$	2-16 $\phi$	8 $\phi$ 2L@110C/C	2-16 $\phi$	2-16 $\phi$	8 $\phi$ 2L@175C/C	

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

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

**NOTES :-**

- ALL DIMENSIONS ARE IN MM. U.O.M
- DIMENSION ARE TO READ ONLY NOT TO BE SCALED
- CLEAR COVER TO MAIN REINFORCEMENT FOR-  
a) Slab- i) Top & bottom = 20 mm. ii) End = 25 mm  
b) Floor beam = 30 mm
- GRADE OF-  
a) CONCRETE - M-25 DESIGN MIX & WATER CEMENT RATIO SHALL BE MAINTAINED WATER CEMENT RATIO SHALL BE MAINTAINED BETWEEN 0.35 TO 0.40 BY APPLYING SUPER PLASTICISER AS WATER REDUCING ADMIXER.  
b) STEEL - Fe 550.  
c) CEMENT SHALL BE EQUIVALENT TO 53  
d) STEEL CHAIRS AND SPACER BARS WHEREVER NECESSARY SHALL BE PROVIDED BETWEEN TWO LAYERS OF REINF.  
e) 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 OF KANCHANJIANGA INTEGRATED INFRASTRUCTURE DEVELOPMENT PRIVATE LIMITED.

I UNDERTAKE WITH FULL RESPONSIBILITY AND CERTIFY THAT THE BUILDING PLAN HAS BEEN DRAWN AS PER PROVISION OF W.B. MUNICIPAL BUILDING RULES 2007 AS AMENDED FROM TIME TO TIME AND THAT THE SITE CONDITION INCLUDING THE WIDTH OF THE ABUTTING ROAD CONFIRMS WITH THE PLAN AND THAT IS A BUILDING SITE AND NOT A TANK OR FILLED UP TANK.

**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.

**SNEHASHIS SINHA**  
B.E. (CIVIL), M.E. (STR), FIE, MCI  
Chartered Engineer (I)  
Empno. No. - 177  
ESE (K.M.C)  
Int. PE. No. : 1P800071-2

**SIGNATURE OF STRUCTURAL ENGINEER**

**CLIENT:**  
KANCHANJIANGA INTEGRATED INFRASTRUCTURE DEVELOPMENT PRIVATE LIMITED.

**PRINCIPAL ARCHITECT / CONSULTANT:**  
ARCHITECTS: **MAHESHWARI & ASSOCIATES**  
37A BAKER ROAD, 2ND FLOOR, ALIPORE, KOLKATA - 700027.  
Tel : 85334966, 85228584.

**STRUCTURAL CONSULTANT:**  
**SINHA & ASSOCIATES**  
ENGINEERS & DESIGN CONSULTANTS  
157 BINODA BHAVNE ROAD, KOL. - 700038  
PH. NO. : 2407-4088  
E-mail: sanda @ ssi2.vsnl.net.in

**DATE** 28.12.2018  
**SCALE** 1:1000, 100, 50, 30, 25, 20  
**DWG NO.** S&A KANCHANJIANGA/CRPN/ST-302  
**REV-01**