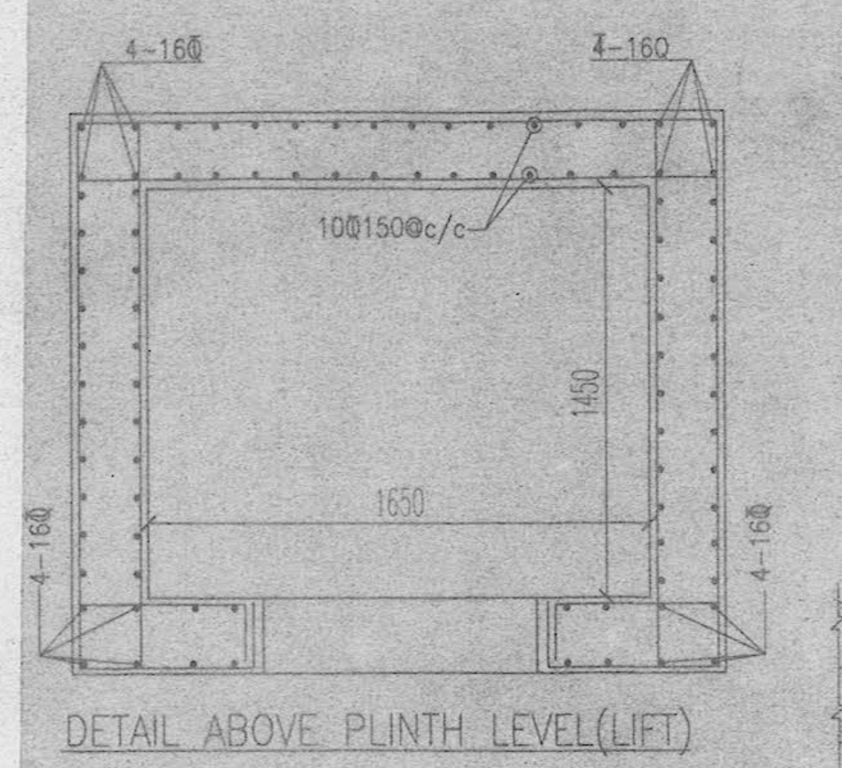
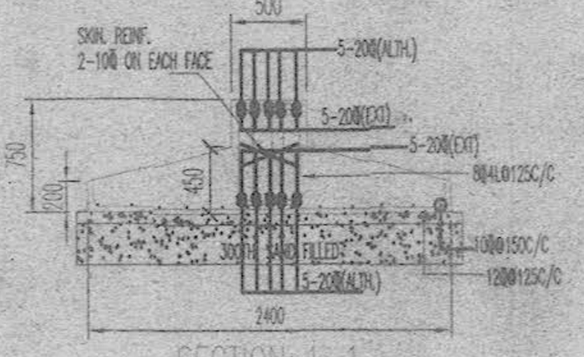
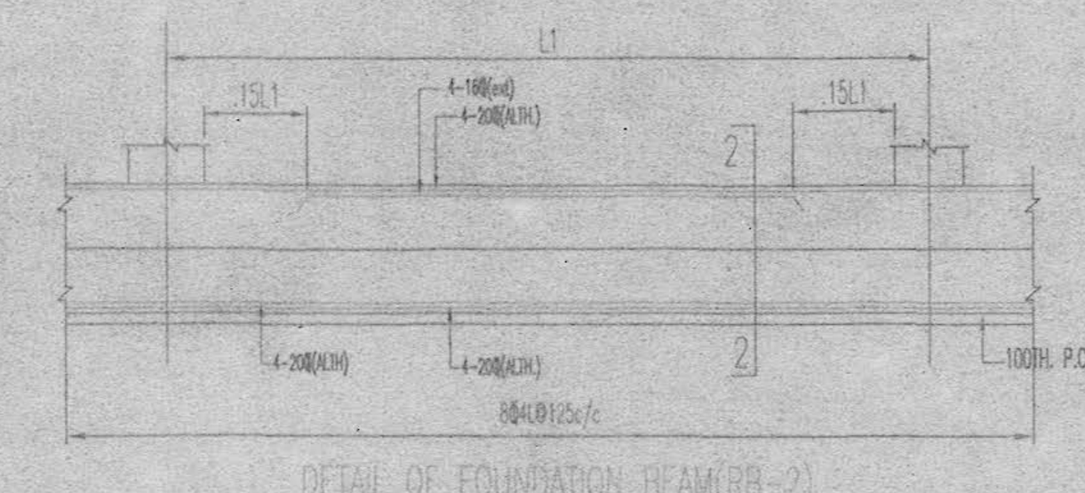
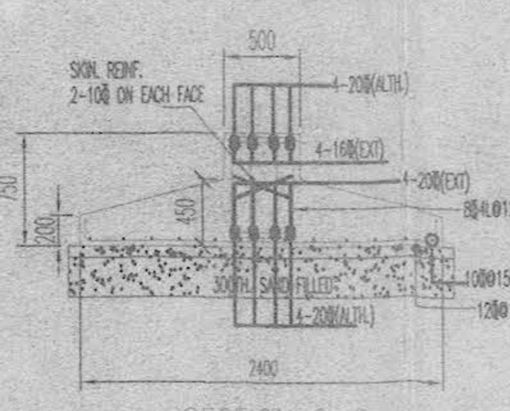
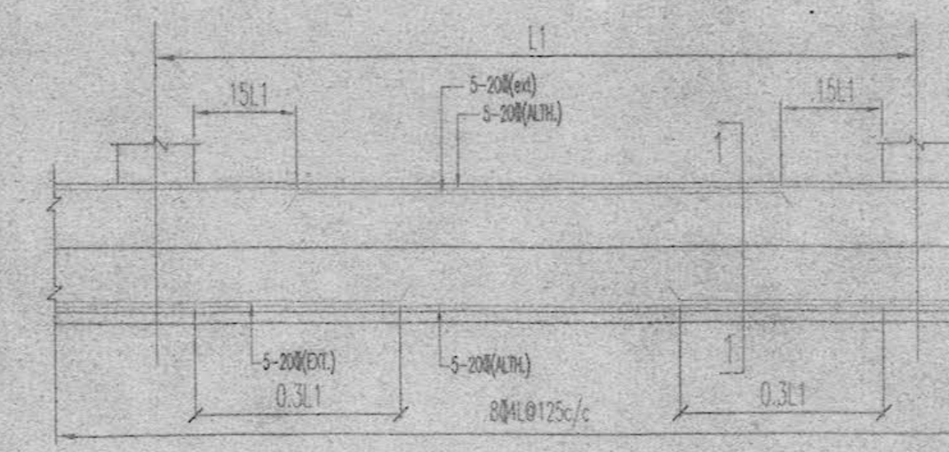
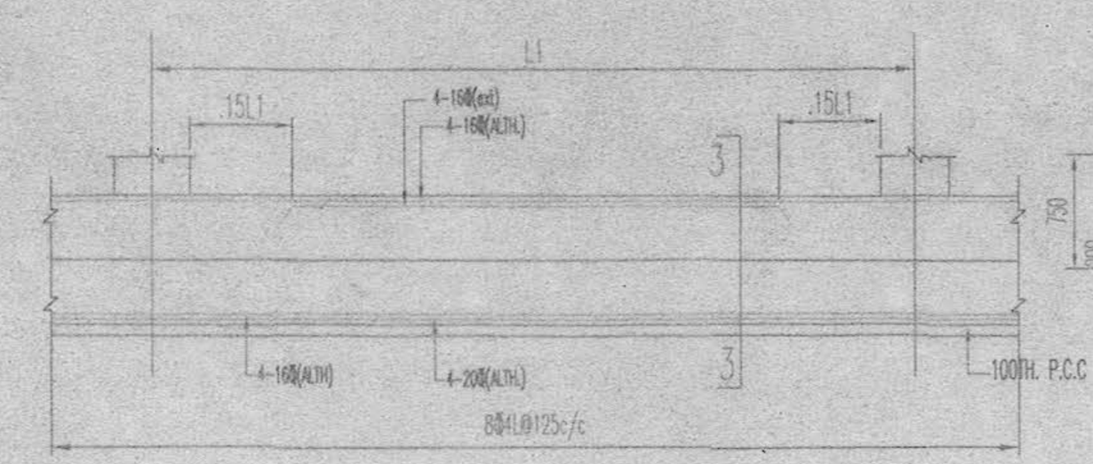

DETAIL ABOVE PLINTH LEVEL(LIFT)

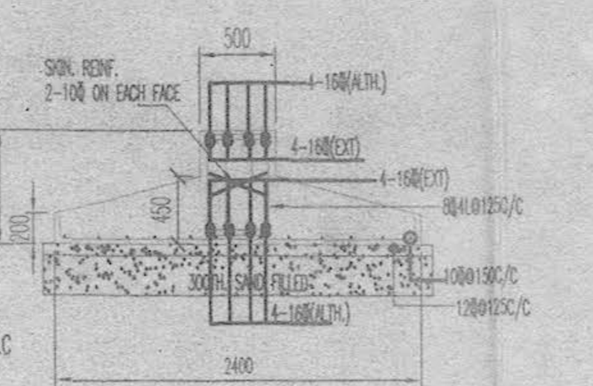

SECTION 1-1

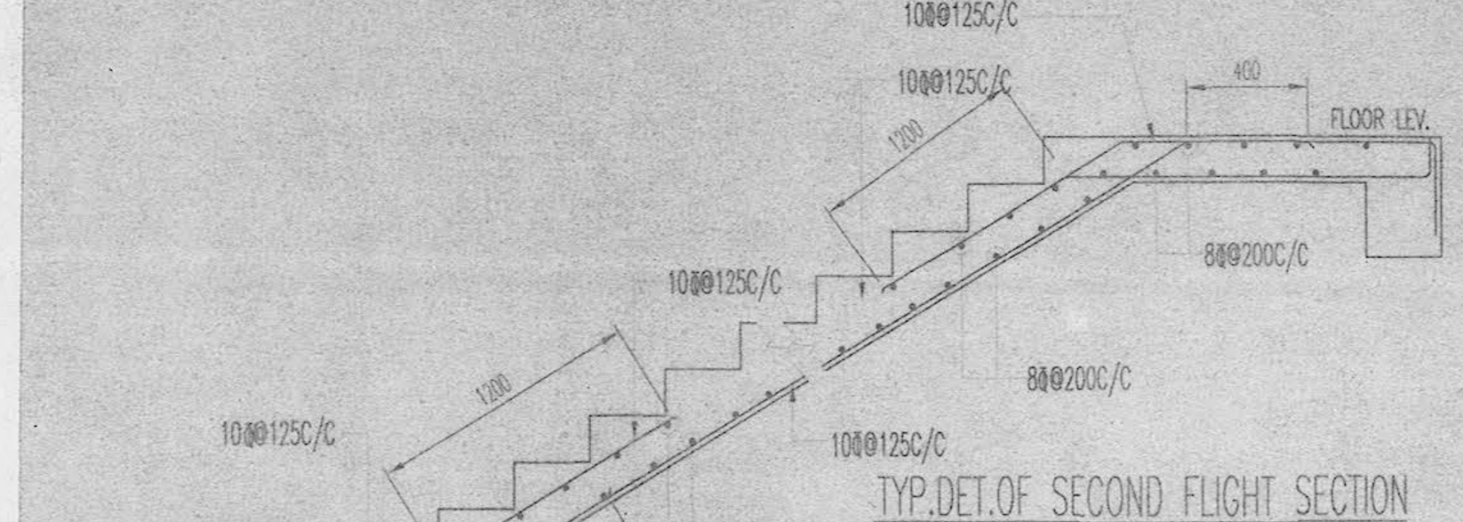

DETAIL OF FOUNDATION BEAM(RB-2) 500X750

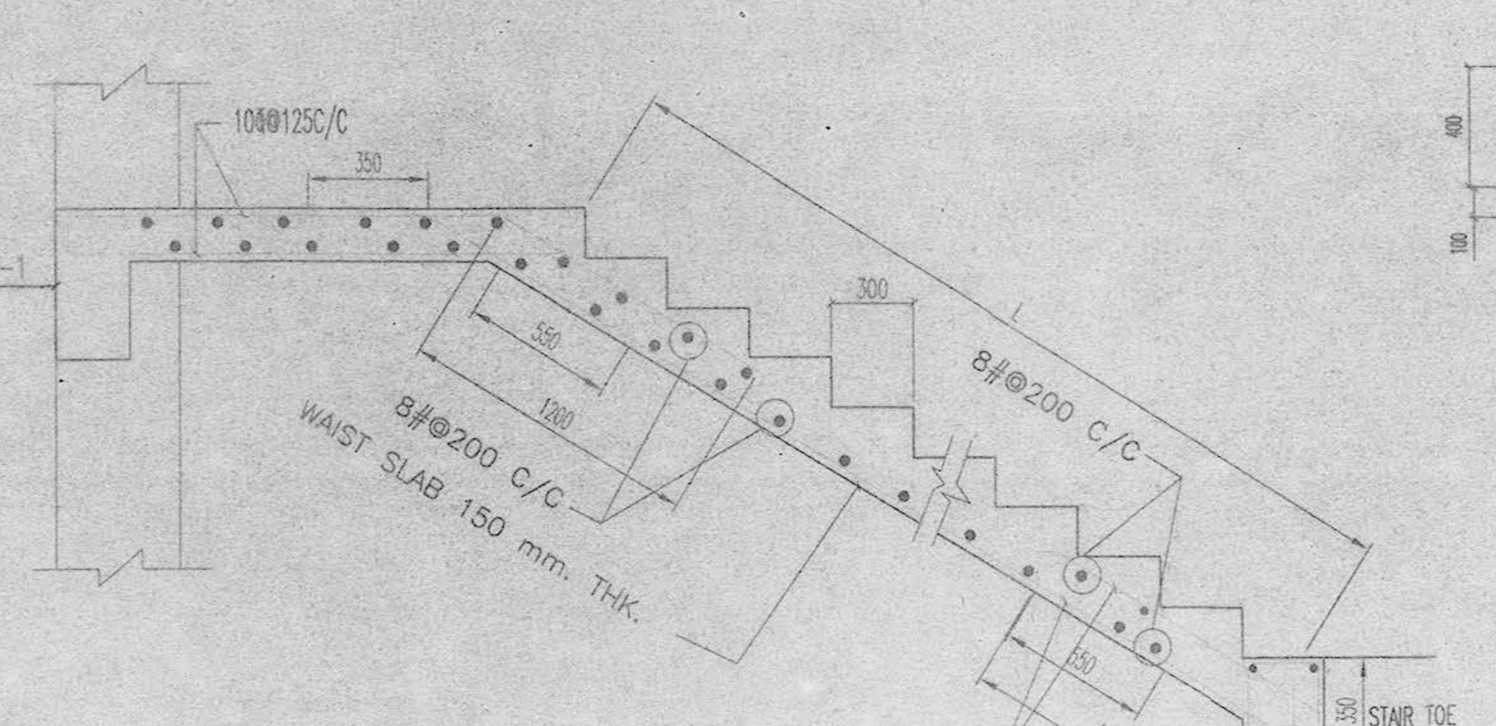

SECTION 2-2


DETAIL OF FOUNDATION BEAM(RB-1) 500X750

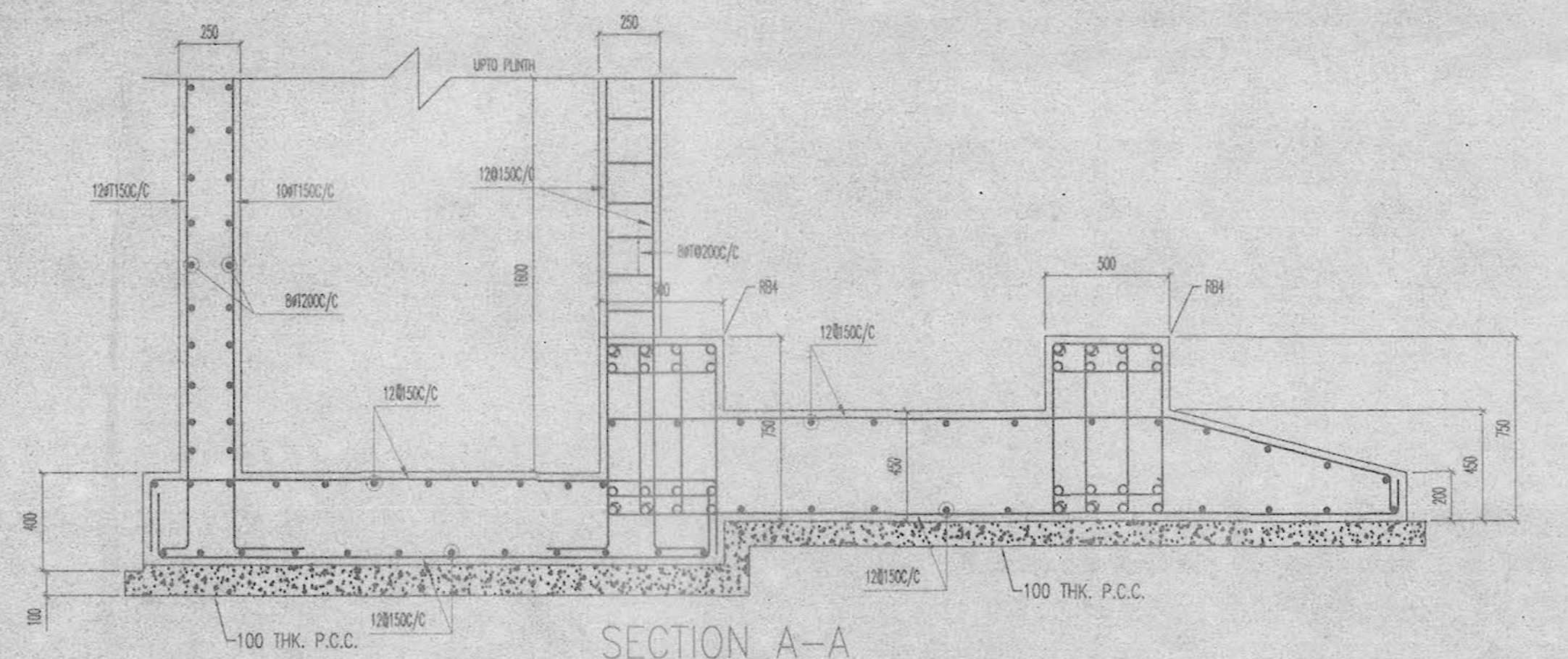

DETAIL OF FOUNDATION BEAM(RB-3) 500X750


SECTION 3-3


TYP.DET.OF SECOND FLIGHT SECTION



TYP.DET.OF FIRST FLIGHT SECTION

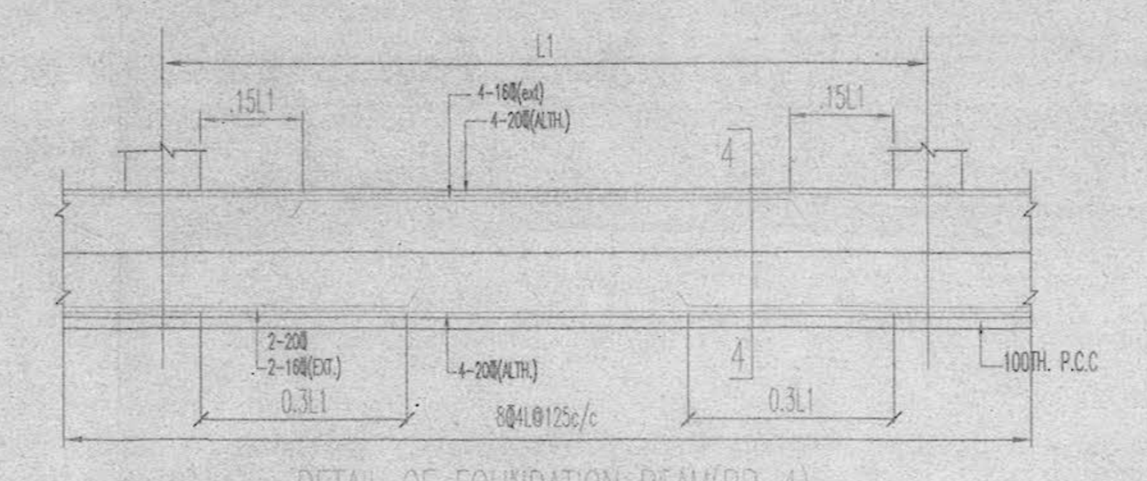

SECTION A-A
SCALE 1:25

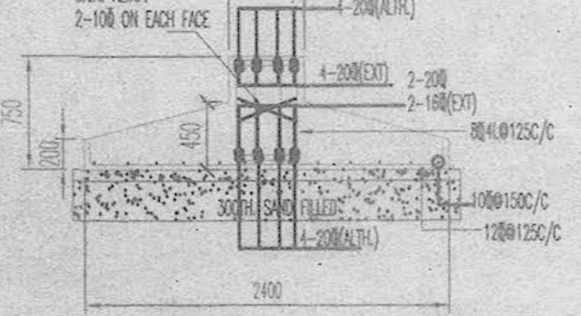
SCHEDULE OF FOUNDATION :- (M20 AND FE 500)						
MKD.	SIZE (mxm)		DEPTH OF BASE SLAB		REINFORCEMENT	
	W	L	D	d	SHORTER(f)	LONGER(e)
F1	2400	2400	450	200	12Ø@150 C/C BOTH. WAYS OF BOTTOM.	
F2	2600	2600	450	200	12Ø@150 C/C BOTH. WAYS OF BOTTOM.	
F3	2800	2800	500	200	12Ø@150 C/C BOTH. WAYS OF BOTTOM.	
F4	2800	3200	500	200	12Ø@150 C/C BOTH. WAYS OF BOTTOM.	
F5	3000	3400	500	200	12Ø@150 C/C BOTH. WAYS OF BOTTOM.	
COMB-1	AS SHOWN		450	200	12Ø@125 C/C	10Ø@150 C/C
COMB-2	AS SHOWN		450	200	12Ø@125 C/C	10Ø@150 C/C

SCHEDULE OF SLAB (S1)	
SLAB THICKNESS AS MENTIONED :- 115 MM (ALONG SHORTER DIRECTION)	(M25 AND FE 500)
SUPPORT	8mmØ@ 150mm c/c at top of support & extended upto L/3 from beam.
SPAN	8mmØ@ 165mm c/c at span & alternately curtained at L/4 from beam
SLAB THICKNESS AS MENTIONED :-115 MM (ALONG LONGER DIRECTION)	(M25 AND FE 500)
SUPPORT	8mmØ@ 175mm c/c at top of support & extended upto L/3 from beam.
SPAN	8mmØ@ 200mm c/c at span & alternately curtained at L/4 from beam

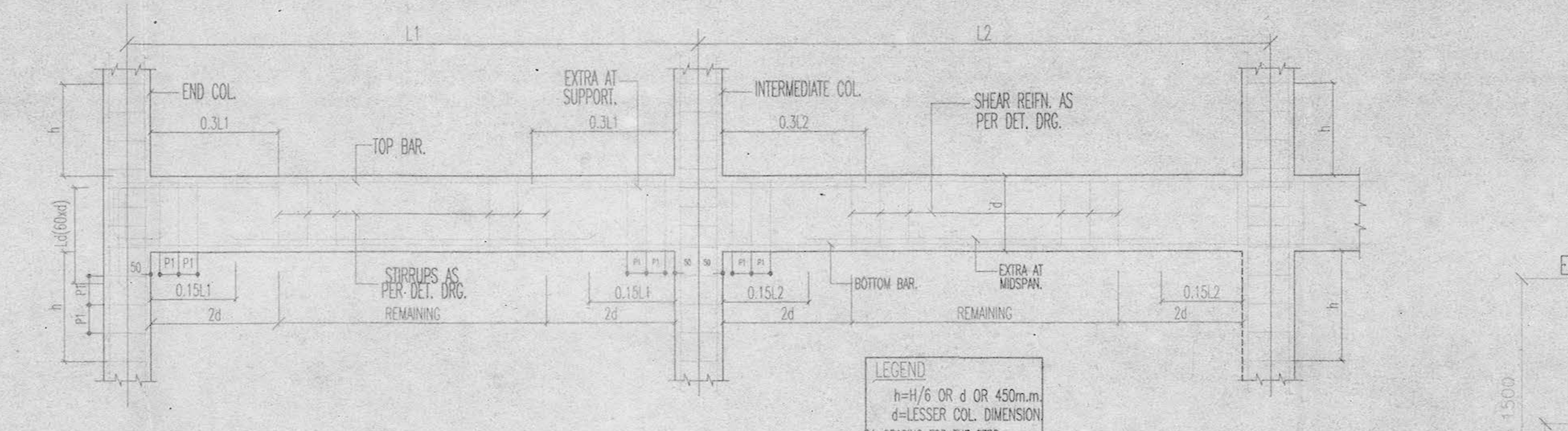
SCHEDULE OF SLAB (S2)	
SLAB THICKNESS AS MENTIONED :- 135 MM (ALONG SHORTER DIRECTION)	(M25 AND FE 500)
SUPPORT	8mmØ@ 135mm c/c at top of support & extended upto L/3 from beam.
SPAN	8mmØ@ 150mm c/c at span & alternately curtained at L/4 from beam
SLAB THICKNESS AS MENTIONED :-135 MM (ALONG LONGER DIRECTION)	(M25 AND FE 500)
SUPPORT	8mmØ@ 165mm c/c at top of support & extended upto L/3 from beam.
SPAN	8mmØ@ 175mm c/c at span & alternately curtained at L/4 from beam

SCHEDULE OF 1ST FLOOR TO ROOF (M25 AND FE 500)							
BEAM	SIZE	TOP		BOTT.		STIRRUPS (2 LEGGED)	
MKD.	(MMxMM)	ALTH	EXT(AT SUPT.)	ALTH	EXT(MID SPAN)	AT SUPPORT	AT SPAN.
B1	250x450	2-16Ø	2-16Ø	2-16Ø	2-12Ø	10Ø2L@150C/C	10Ø2L@175C/C
B2	250x450	2-16Ø	2-16Ø	2-16Ø	2-16Ø	10Ø2L@150C/C	10Ø2L@175C/C
B2a	250x450	3-16Ø 2-16Ø	-	4-16Ø	-	10Ø2L@150C/C	10Ø2L@175C/C
B3	250x450	2-16Ø	2-12Ø	2-16Ø	2-12Ø	10Ø2L@150C/C	10Ø2L@175C/C
B4	250x450	3-16Ø	-	3-16Ø	-	10Ø2L@150C/C	10Ø2L@175C/C
B5	250x450	2-16Ø	2-20Ø	2-20Ø	2-16Ø	10Ø2L@150C/C	10Ø2L@175C/C
B6	250x450	2-16Ø	2-20Ø	2-16Ø	2-16Ø		
B7	250x450	2-16Ø	2-20Ø	2-20Ø	2-20Ø		
HLB	250x450	3-16Ø	-	3-16Ø	-	10Ø2L@150C/C	10Ø2L@175C/C

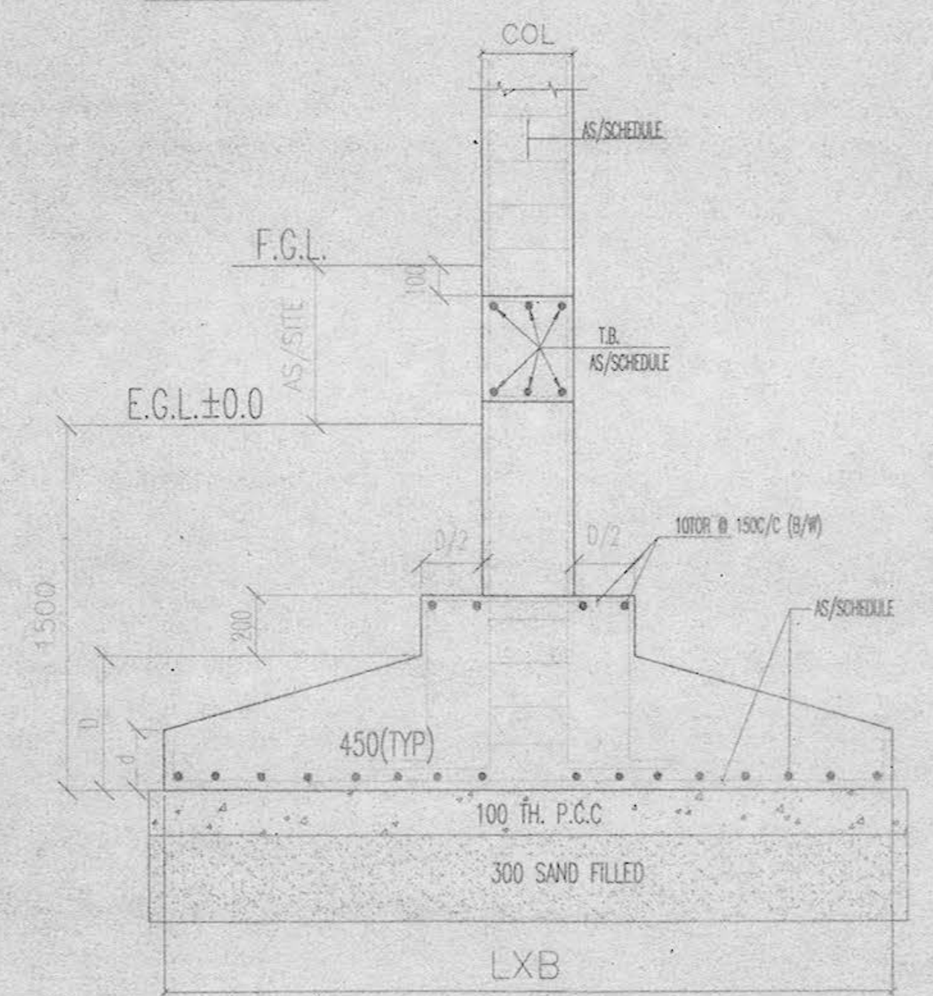

DETAIL OF FOUNDATION BEAM(RB-4) 500X750


SECTION 4-4

SCHEDULE OF TIE BEAM						(M25 AND FE 500)	
BEAM	SIZE	TOP		BOTT.		STIRRUPS (2 LEGGED)	
MKD.	(MMxMM)	ALTH	EXT(AT SUPT.)	ALTH	EXT(MID SPAN)	AT SUPPORT	AT SPAN.
TB1	250x400	2-12Ø 1-16Ø	--	2-12Ø 1-16Ø	--	10Ø2L@150C/C	10Ø2L@175C/C
TB2	250x400	3-16Ø	--	3-16Ø	--	10Ø2L@150C/C	10Ø2L@175C/C



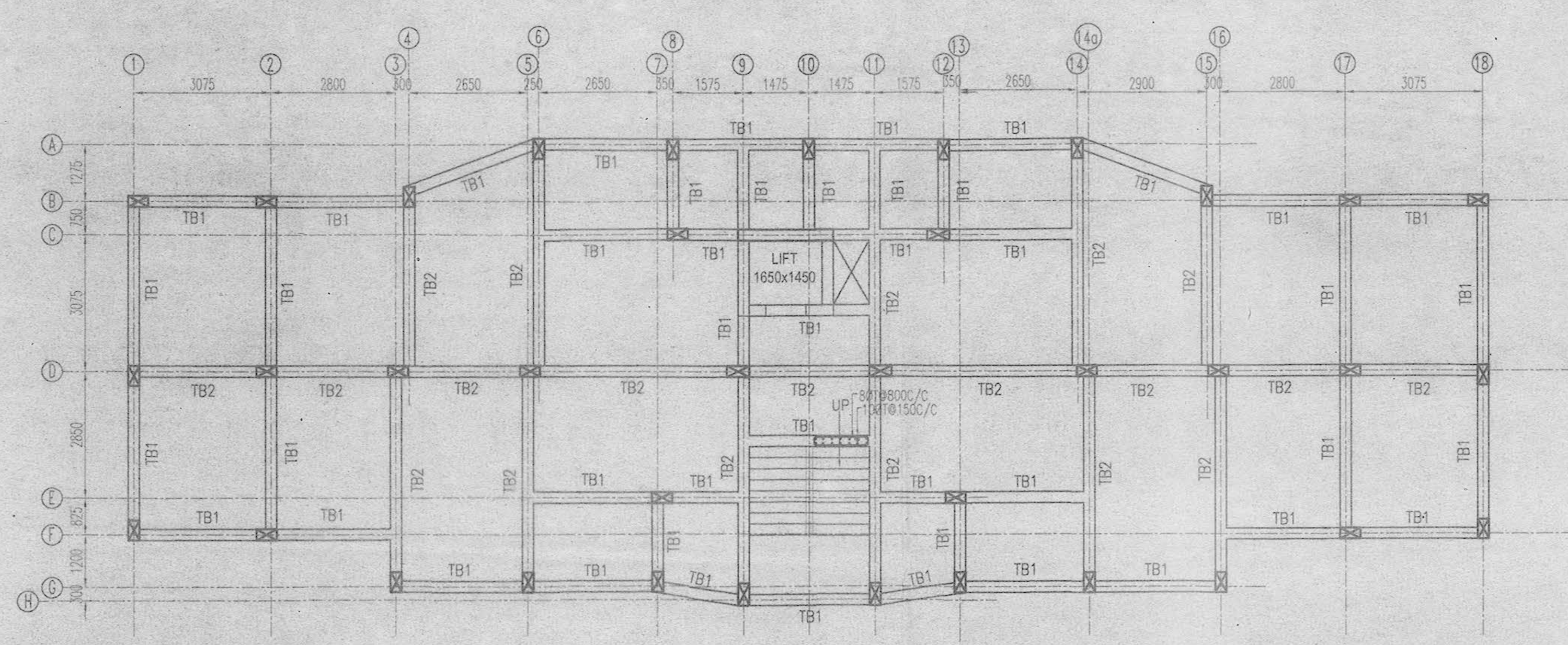
TYPICAL DETAIL OF BEAM COLUMN JUNCTION

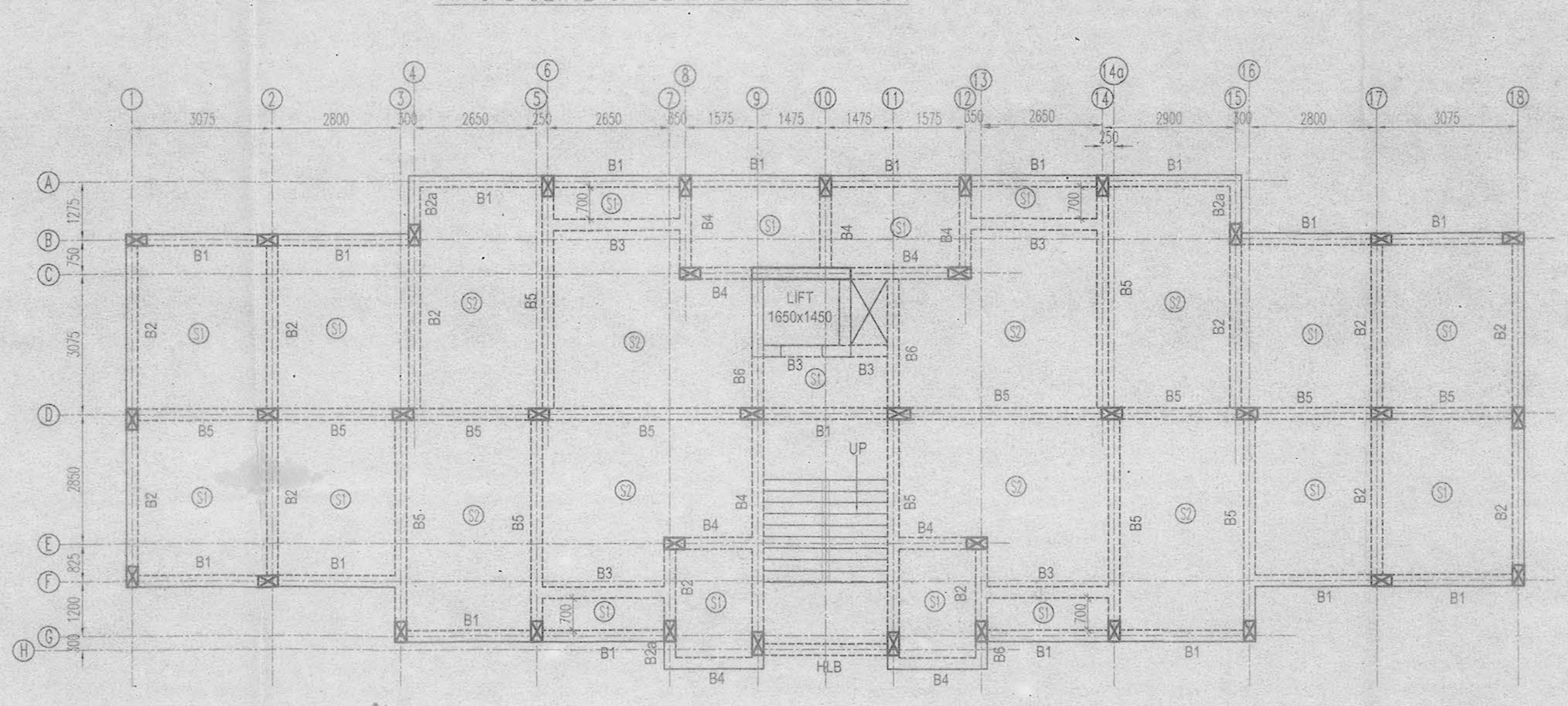


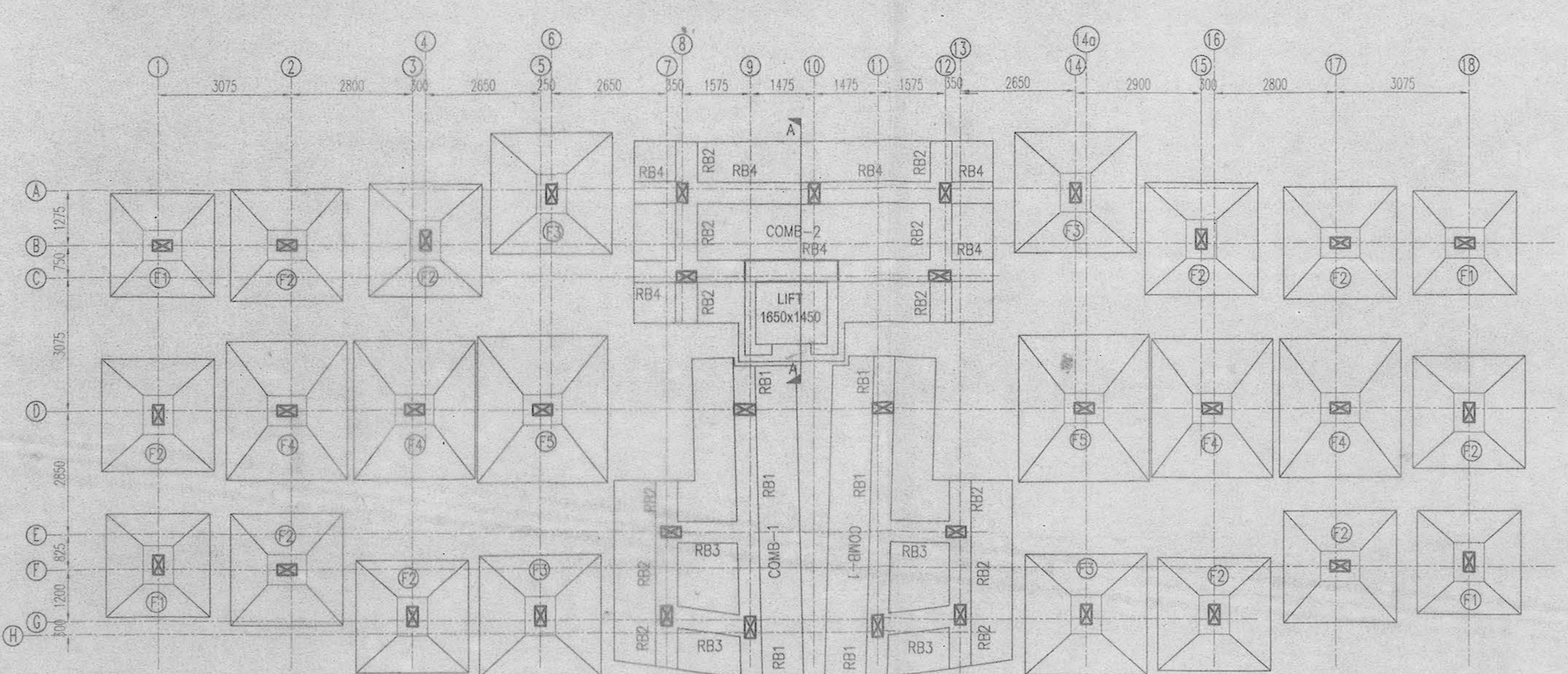
LONG SECTION
SCALE - 1 : 25

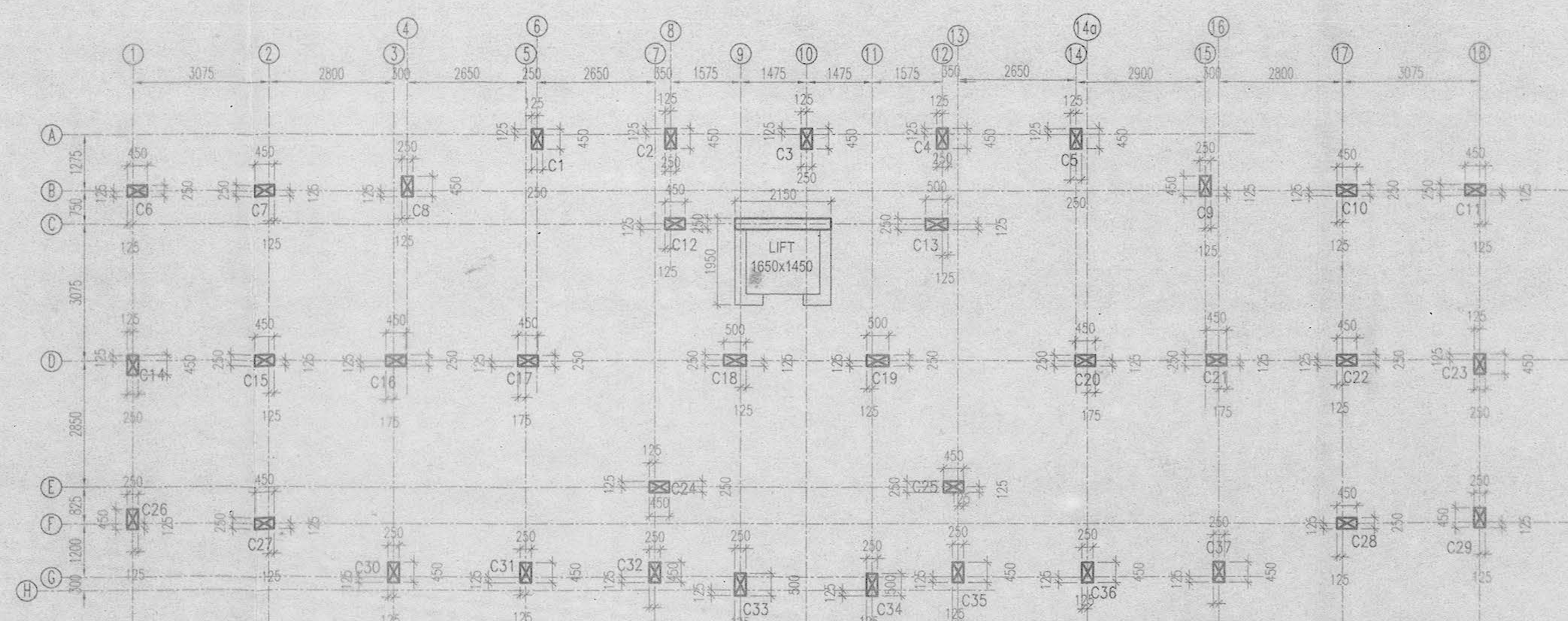
SCHEDULE OF COLUMN :- (M25 AND FE 500)		
COLUMN NOS.	FOUNDATION. TO 2ND. FL.	2ND.FL. TO ROOF
C1	8-16	6-16+2-12
C2	6-16+2-12	4-16+4-12
C3	6-16+2-12	4-16+4-12
C4	6-16+2-12	4-16+4-12
C5	8-16	6-16+2-12
C6	6-16+2-12	4-16+4-12
C7	6-16+2-12	4-16+4-12
C8	4-20+4-16	8-16
C9	4-20+4-16	8-16
C10	6-16+2-12	4-16+4-12
C11	6-16+2-12	4-16+4-12
C12	4-20+4-16	8-16
C13	4-20+4-16	8-16
C14	8-16	6-16+2-12
C15	4-20+4-16	8-16
C16	4-20+4-16	8-16
C17	8-20	4-20+4-16
C18	8-20+2-16	10-16
C19	8-20+2-16	10-16
C20	8-20	4-20+4-16
C21	4-20+4-16	8-16
C22	4-20+4-16	8-16
C23	8-16	6-16+2-12
C24	4-20+4-16	8-16
C25	4-20+4-16	8-16
C26	6-16+2-12	4-16+4-12
C27	6-16+2-12	4-16+4-12
C28	6-16+2-12	4-16+4-12
C29	6-16+2-12	4-16+4-12
C30	8-16	6-16+2-12
C31	8-16	6-16+2-12
C32	4-20+4-16	8-16
C33	6-20+4-16	10-16
C34	6-20+4-16	10-16
C35	4-20+4-16	8-16
C36	8-16	6-16+2-12
C37	8-16	6-16+2-12

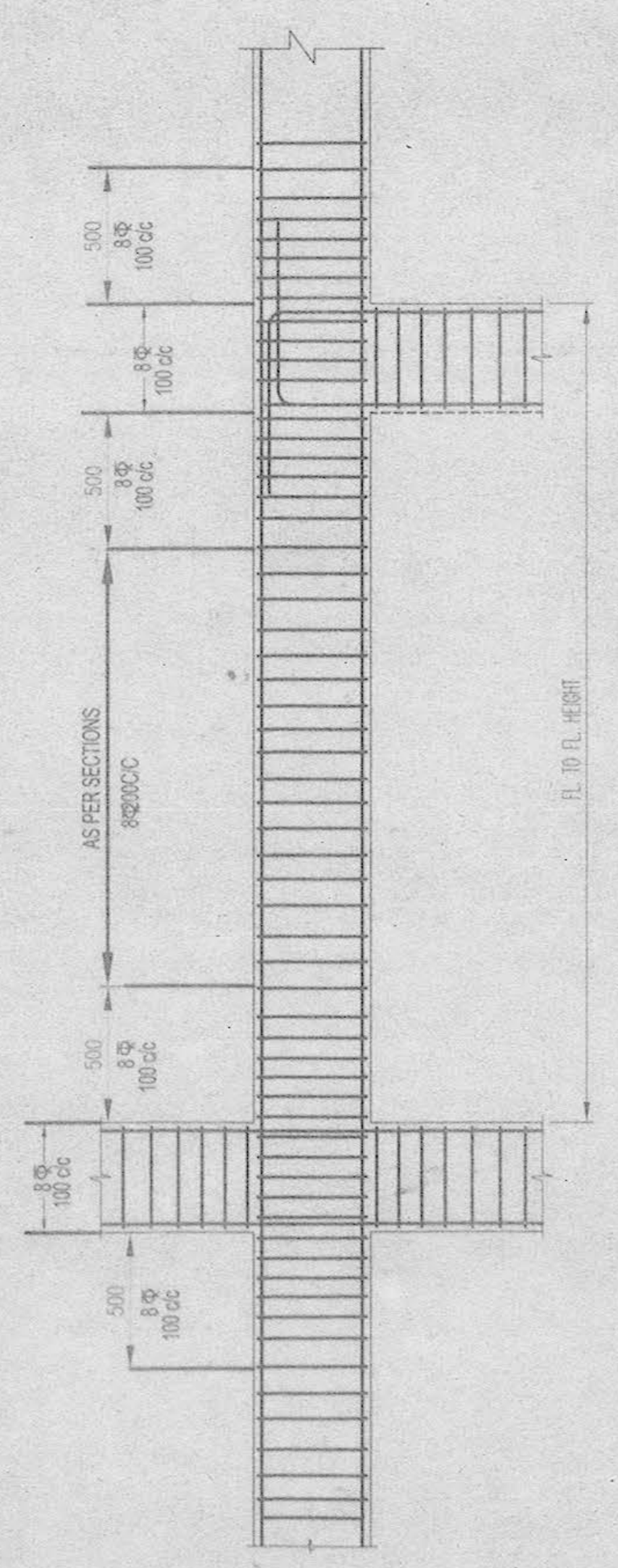
N.B. : COLUMN SIZE AS PER LAYOUT


TIE BEAM LAYOUT PLAN


TYP. FLOOR BEAM LAYOUT PLAN


FOUNDATION LAYOUT PLAN


COLUMN LAYOUT PLAN



LONG SECTION OF COLUMN SHOWING LINK DETAILS

1. ALL DIMENSIONS ARE IN MM
2. CONCRETE GRADETO BE ADOPTED M20 UNLESS MENTIONED .
3. COVER TO REINFORCEMENT
   COLUMN = 40mm , BEAM = 30mm
   SLAB = 15mm , FOUNDATION = 50mm
5. DO NOT SCALE THE DRAWING . FOLLOW WITH DIMENSION.
6. ALL EXTERNAL WALLS ARE 200mm THK. & INTERNAL WALLS ARE
7. LEAN CONCRETE (1:3:6) NOMINAL MIX 75 THK. SHALL BE PROVIDED
8. EXTERNAL PLASTER 15mm THK. IN CEMENT MOTER GRADE (1:6)
9. INTERNAL PLASTER 12mm THK. IN CEMENT MOTER GRADE (1:5)
10. ALL CEILING PLASTER 6mm THK. IN CEMENT MOTER GRADE (1:4)
11. USE 200GSM LDP SHEET BELOW P.C.C.

NB :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 ABUTTING ROAD CONFORM WITH THE PLAN AND THAT IT IS A BUILDABLE SITE AND NOT A TANK OR A FILLED UP LAND.

SUBIR CHANDRA SANYAL
B.C.E , A M I , STRUCT. E. (I)
E.B.S NO. 840, CLASS-I
E.S.E. NO. 007, CLASS-I
RAJPUR-SONARPUR MUNICIPALITY

SIGNATURE OF E.B.A.

STRUCTURAL CERTIFICATE

THE STRUCTURAL DESING 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 , A M I , STRUCT. E. (I)
E.B.S NO. 840, CLASS-I
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

As Lawfully Constituted Attorney of
AKLIMA MONDAL
RAHATULLA MONDAL
NAZRUL MONDAL
NURNEHAR BIBI SARDAR
NURJABAN MONDAL
SAHBUDDIN MONDAL
NURUDDIN MONDAL
AMINUDDIN MONDAL
EASHAK ALI MONDAL

As Lawfully Constituted Attorney of
JAMALUDDIN MONDAL
KAMALUDDIN MONDAL
SAMAUDDIN MONDAL
SALAUDDIN MONDAL
MAHAMUDA BIBI
MAJIDA MONDAL
EKIDA SEKH
RASIDA BIBI
ASHIDA GAZI
SAJIDA KAZI
KESHIDA BIBI SEKH

SIGNATURE OF OWNER

SUBIR CHANDRA SANYAL
B.C.E , A M I , STRUCT. E. (I)
E.B.S NO. 840, CLASS-I
E.S.E. NO. 007, CLASS-I
RAJPUR-SONARPUR MUNICIPALITY

SIGNATURE OF E.B.A

PROJECT

STRUCTURAL DRAWING FOR A PROPOSED G +IV STORIED 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, MOUZA- UKHILA PAIKPARA,P.S.-SONARPUR,DIST.-24PGS.(S). , UNDER RAJPUR SONARPUR MUNICIPALITY

NAME OF OWNER: SAHABUDDIN MONDAL AND OTHERS

DRAWN - sunipa	SCALE - 1:100
DESIGNED	DATE - 20.04.2018
CHECKED - suparna	JOB NO
APPROVED	

NORTH

Sanyalson Associates Consultant Pvt. Ltd.
CONSULTANT PLANNER & STRUCTURAL ENGINEERS
P-157 KANUNGO PARK KOLKATA-84

DWG NO. 02/07 BLOCK - 1

RAJPUR-SONARPUR MUNICIPALITY ESTD-1876

APPROVAL OF S.A.E

OFFICE USE ONLY

Structural plan as submitted by the structural Engineer have been kept with Building Plan No.- 107/CB/26/25 Dated On:- 11/09/2018 for record of the Rajpur-Sonarpur Municipality without Verification No. deviation from the submitting 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 private properties and safety of human life during Construction

10/9/18

Sig. of Assistant Engineer.
Incharge P.W.D
RAJPUR-SONARPUR MUNICIPALITY