

PROJECT

PROPOSED G+4 (BLOCK-1, BLOCK-2 & BLOCK-3) STORED
RESIDENTIAL COMPLEX AT THE
(PART), 1186/1187, 1189 (PART), 1190
HOLDING NO. - 381;
LR, KHATAN NO. - 2790, 2791, 2792, 2793, 2794, 2795, 2796,
2797, 2824 & 2825;
WARD NO. - 28, AT MOUZA - BARA
STATION - NARENDRAPUR THAN, DISTRICT - KOLKATA - 74
PARGANAS (S) UNDER RAIPUR - SONARPUR MUNICIPALITY,



PURJA BUILDERS
Soni Pohra
Proprietor
PURA BUILDERS
PROPRIETOR

NAME OF OWNER

Declaration of Architect

I do hereby certify that the plans, elevations, sections and other structural details of the proposed building under the jurisdiction of Rajpur Sonarpur Municipality have been prepared in conforming with all relevant provisions under the West Bengal Municipal (Building) Rules, 2007. This also to certify that relevant 'no objection' certificates from the respective authorities such as Fire and Emergency Service Department, Police Department, Health Department, and the Telecommunication Department etc. as applicable in this regard, are also enclosed with the application for seeking approval of the plan to construct / reconstruct / addition to alteration of the building.

SANJAY MANDAL
LICENCE NO. 707 / RPSPN / LBA / 2011-12
M. 990360016

Declaration of Structural Engineer

I do hereby certify that the foundation and superstructure of the building proposed for construction under the jurisdiction of Rajpur Sonarpur Municipality will be constructed in conformity with all relevant provisions under the West Bengal Municipal (Building) Rules, 2007. This also to certify that relevant 'no objection' certificates from the respective authorities such as Fire and Emergency Service Department, Police Department, Health Department, and the Telecommunication Department etc. as applicable in this regard, are also enclosed with the application for seeking approval of the plan to construct / reconstruct / addition to alteration of the building.

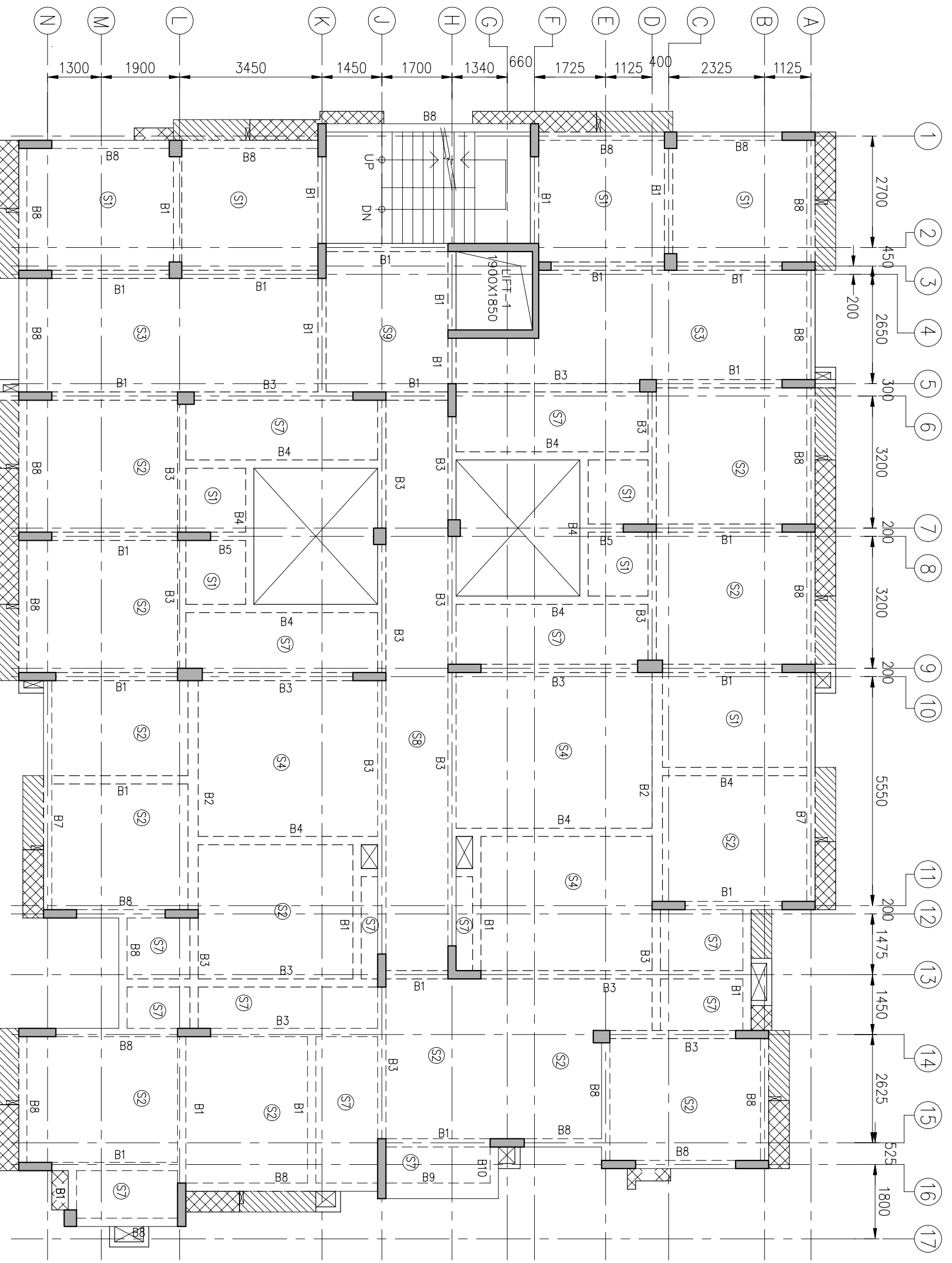
SINANDAN NARAYAN BASU
LICENCE NO. 073 / RAIPUR / ES(EI)

NAME OF STRUCTURAL ENGINEER

- SPECIFICATIONS**
1. ALL DIMENSIONS ARE IN MILLIMETERS AND LEVELS ARE IN METERS UNLESS STATED OTHERWISE.
 2. ONLY WRITTEN DIMENSIONS SHALL BE FLOWED.
 3. ALL DIMENSIONS SHALL BE FLOWED.
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 12. ALL DIMENSIONS SHALL BE FLOWED.

FOUNDATION LAYOUT PLAN G.A. OF 1ST FLOOR PLAN G.A. OF TYPICAL FLOOR PLAN & COLUMN SCHEDULE OF BLOCK 2

DWG. NO.	IN/1292/ST/COOR/03
SCALE	AS SHOWN
DATE	01.12.2025
JOB NO.	IN/1292
ISSUED BY	ARCHITECT
ISSUE STATUS	INMATE
ARCHITECT	26/2 BALLYUNGE CIRCULAR ROAD, UDAYAN PARK, 3rd FLOOR TEL.: (033) 4000-6424, 6425, 6426 KOLKATA - 700 019

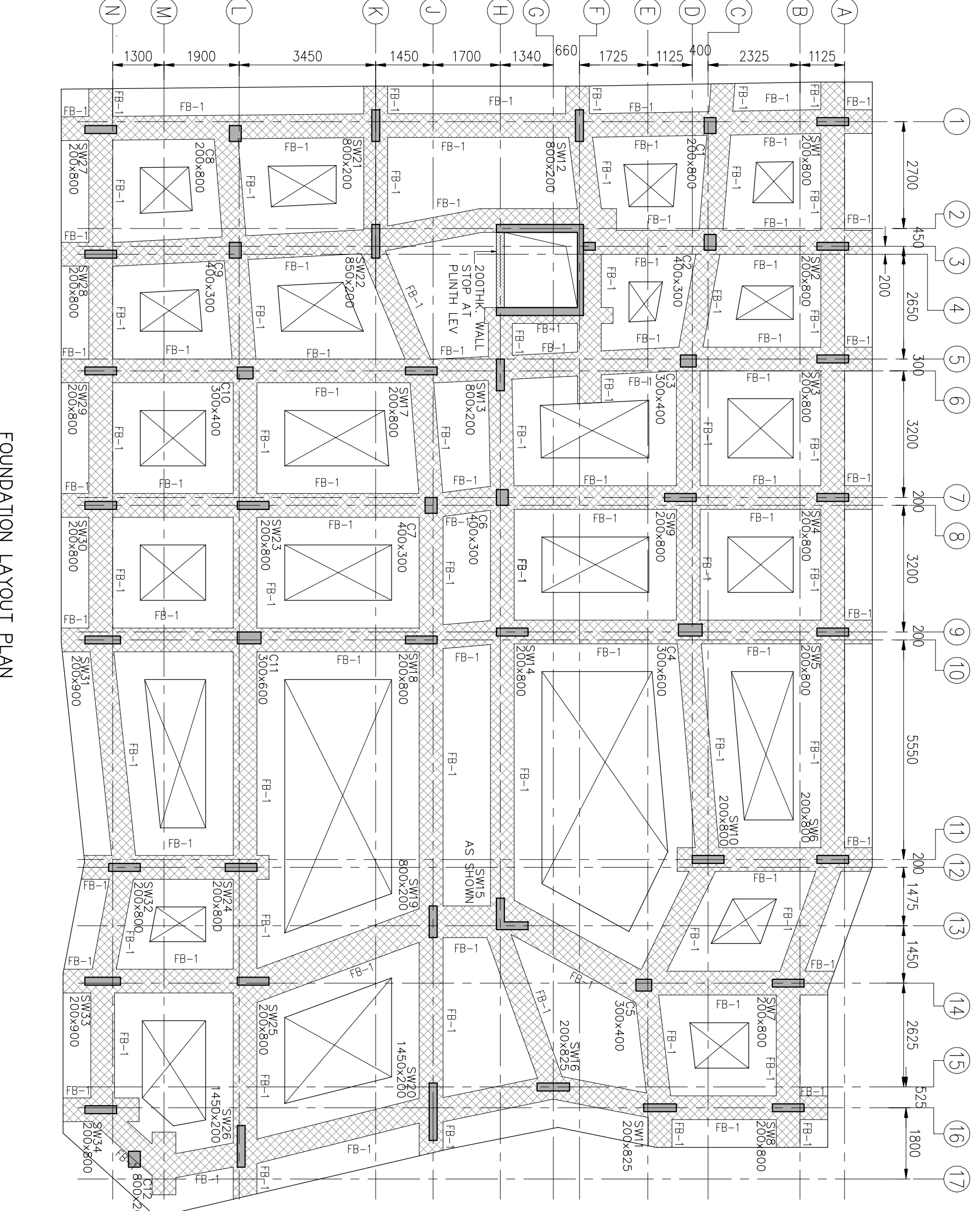


G.A. OF TYPICAL FLOOR PLAN

SCALE-100

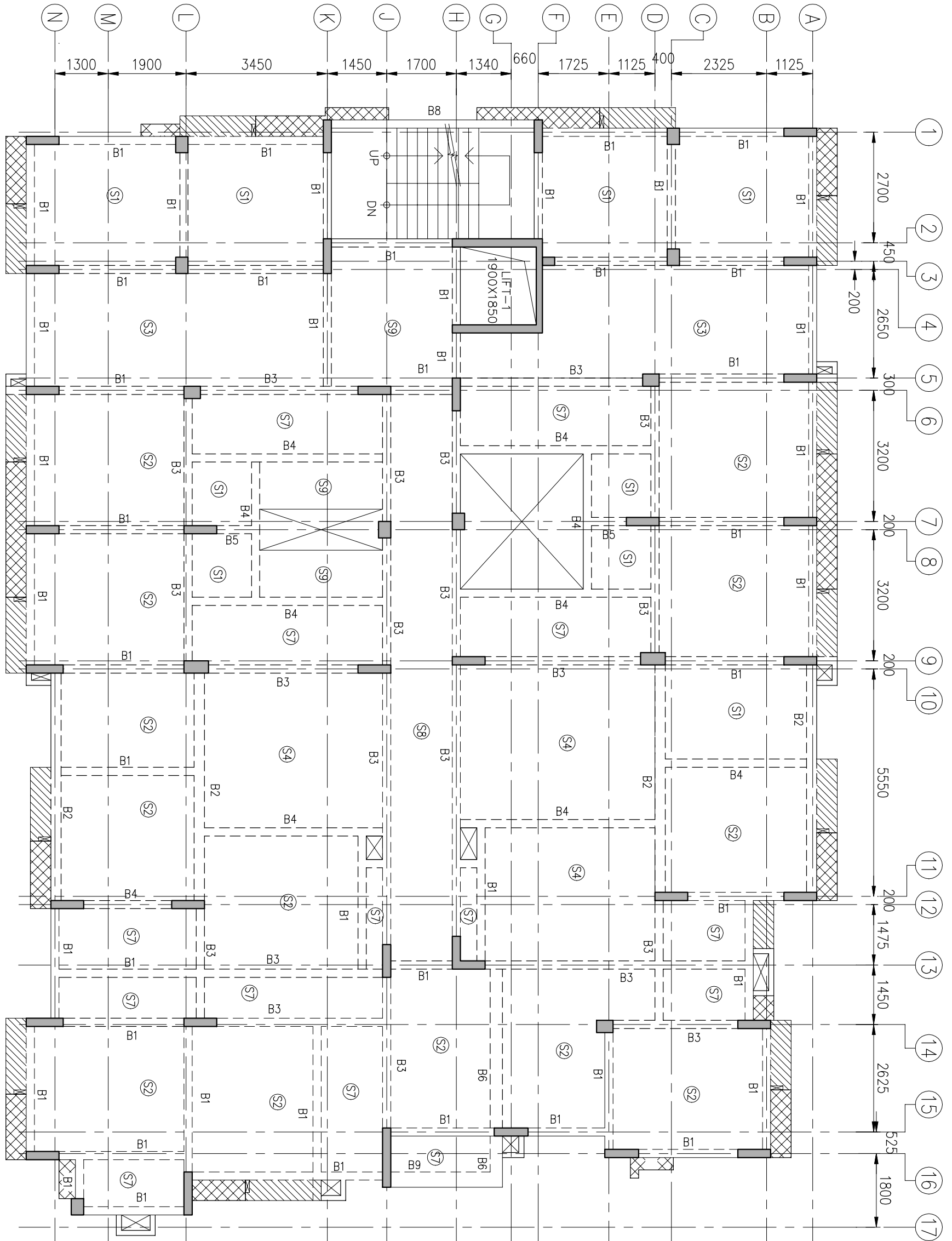
SCHEDULE OF COLUMNS FOR BLOCK -2	
ABOVE ROOF	
TO	
ROOF LEV.	
TO	
4TH FLOOR	
TO	
3RD FLOOR	
TO	
2ND FLOOR	
TO	
1ST FLOOR	
TO	
GROUND FLOOR	
TO	
FOUNDATION	
COL. SIZE	
LEVEL	

SCHEDULE OF SHEAR WALL FOR BLOCK -2	
ABOVE ROOF	
TO	
ROOF LEV.	
TO	
4TH FLOOR	
TO	
3RD FLOOR	
TO	
2ND FLOOR	
TO	
1ST FLOOR	
TO	
GROUND FLOOR	
TO	
FOUNDATION	
SHEAR WALL SIZE	
LEVEL	



FOUNDATION LAYOUT PLAN

SCALE-100



G.A. OF 1ST FLOOR PLAN

SCALE-100

PROJECT

PROPOSED G-4 (BLOCK-1, BLOCK-2 & BLOCK-3) STORED
RESIDENTIAL COMPLEX AT THE
(PART), 1186, 1187, 1188 (PART), 1189
HOLDING NO. - 381,
L.R. KHATAN NO. - 2790, 2791, 2792
2797, 2824 & 2825;
WARD NO. - 28, AT MOUZA - BAR
STATION - NARENDRAPUR THANE
PARGANA (S) UNDER RAIPUR - SONARPUR MUNICIPALITY,



NAME OF OWNER

Declaration of Architect

I do hereby certify that the foundation and superstructure of the building proposed for construction under the jurisdiction of Rajpur Sonarpur Municipality will make such foundation and superstructure safe in all respect including the consideration of bearing capacity and settlement of soil and other conditions, if any, conforming to all stipulations of all relevant IS Code of Practice and National Building Code.

NAME OF ARCHITECT

SANJAY MAHAPAL
LICENCE NO. 707 /RIPSP/ LBA/2011-12
M- 990360016

Declaration of Structural Engineer

I do hereby certify that the foundation and superstructure of the building proposed for construction under the jurisdiction of Rajpur Sonarpur Municipality will make such foundation and superstructure safe in all respect including the consideration of bearing capacity and settlement of soil and other conditions, if any, conforming to all stipulations of all relevant IS Code of Practice and National Building Code.

SUNANDAN NARAYAN BASU
LICENCE NO. 073 /RAIPUR/ESR(E)
NAME OF STRUCTURAL ENGINEER

SPECIFICATIONS

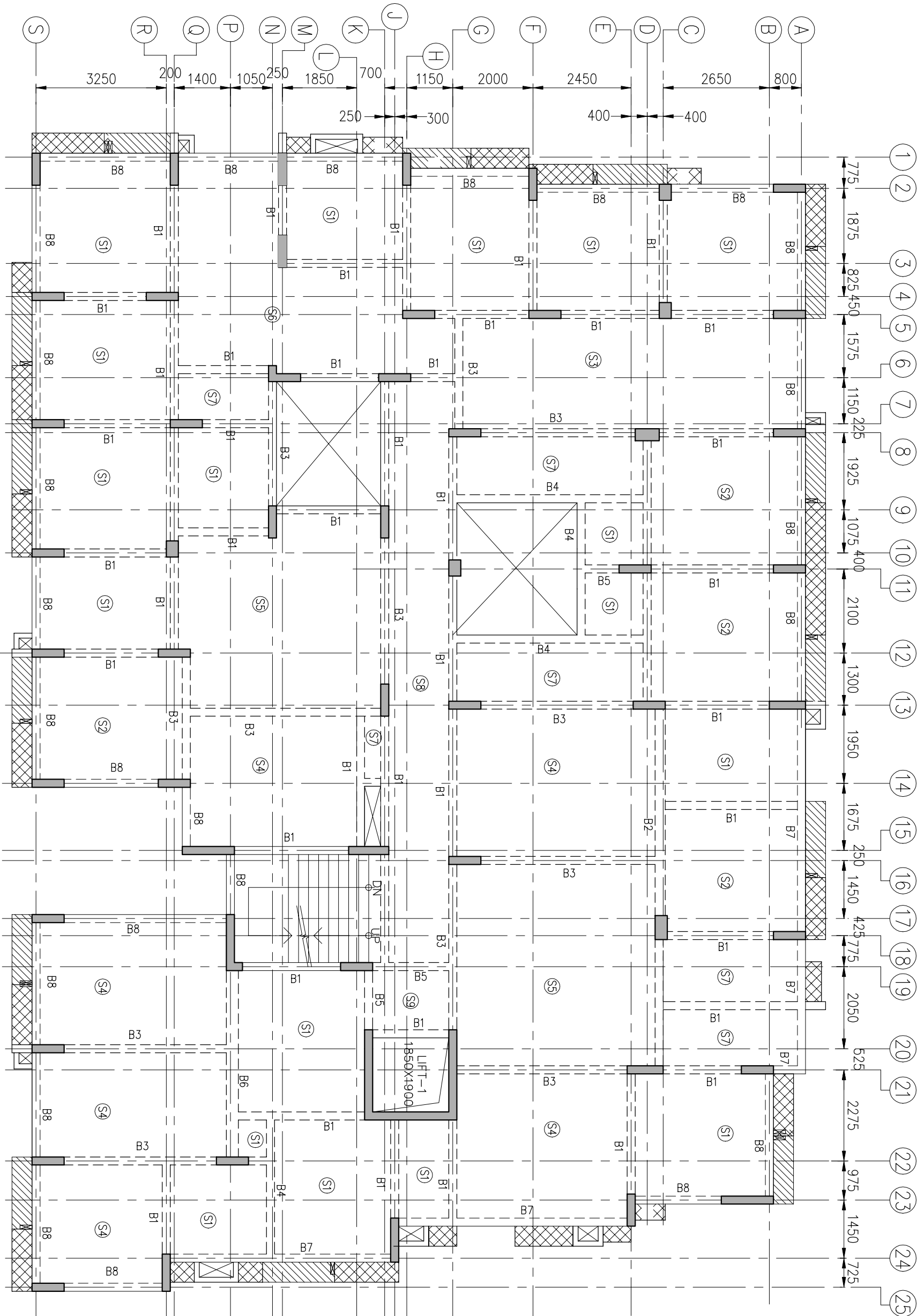
1. ALL DIMENSIONS ARE IN MILLIMETERS AND LEVELS ARE IN METERS UNLESS STATED OTHERWISE.
2. ONLY WRITTEN DIMENSIONS SHALL BE FLOWED.
3. IS CODES FOR STEEL STRUCTURE.
4. IS CODES FOR THE BEAM COLUMN BEAM, SLAB & STAIR.
5. MAIN REINFORCEMENT SHALL BE:-
 - a. 75mm FOR FOUNDATION SLAB & BEAM.
 - b. 12mm FOR STEEL STRUCTURE.
 - c. 40mm FOR STAIR SLAB.
 - d. 20mm FOR SLAB.
6. LD SHALL BE 49 TIMES DIA OF BAR.
7. 1. IDENTIFY HIGH YIELD STRENGTH DEFORMED BARS OF GRADE FE 500 HAVING YIELD STRENGTH NOT LESS THAN 500 N/MM².
- 7 a) DETAILS OF SPACER BAR PROVIDED TO BE HIGHER DIA OF BAR @ 800 C/C.
- b) SPACER BAR SHALL BE DISTRIBUTED EQUALLY ON TWO FACE AT A SPACING NOT EXCEEDING 300mm C/C.
8. ALL THE LEVELS TO BE VERIFIED WITH RELEVANT ARCHITECTURAL DRAWING.
9. FOR ORIENTATION, LOCATION AND SETTING OUT OF BUILDING GRIDS REFER RELEVANT ARCHITECTURAL MASTER PLAN.
10. ALL THE LEVELS TO BE VERIFIED AT SITE BEFORE.
11. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH RELEVANT STRUCTURAL & ARCHITECTURE DRAWINGS.
12. OUT OUTS SIZE & SLEEVE LOCATION WILL BE FOLLOW ARCHITECTURAL & SERVICES DRAWINGS.

TITLE

FOUNDATION LAYOUT PLAN, G.A. OF 1ST FLOOR PLAN, G.A. OF TYPICAL FLOOR PLAN & COLUMN SCHEDULE OF BLOCK 3

DMG NO.	IN/1292/ST/COOP/04
SCALE	AS SHOWN
DATE	01.12.2025
JOB NO.	IN/1292
DESIGNED BY	APPO BY S.M.
ISSUE STATUS	INMATE
ARCHITECT	SANCTION

26/2 BALLYUNGE CIRCULAR ROAD,
UDAYAN PARK, 3rd FLOOR
TEL : (033) 4000-6424, 6425, 6426
KOLKATA - 700 019



G.A. OF TYPICAL FLOOR PLAN

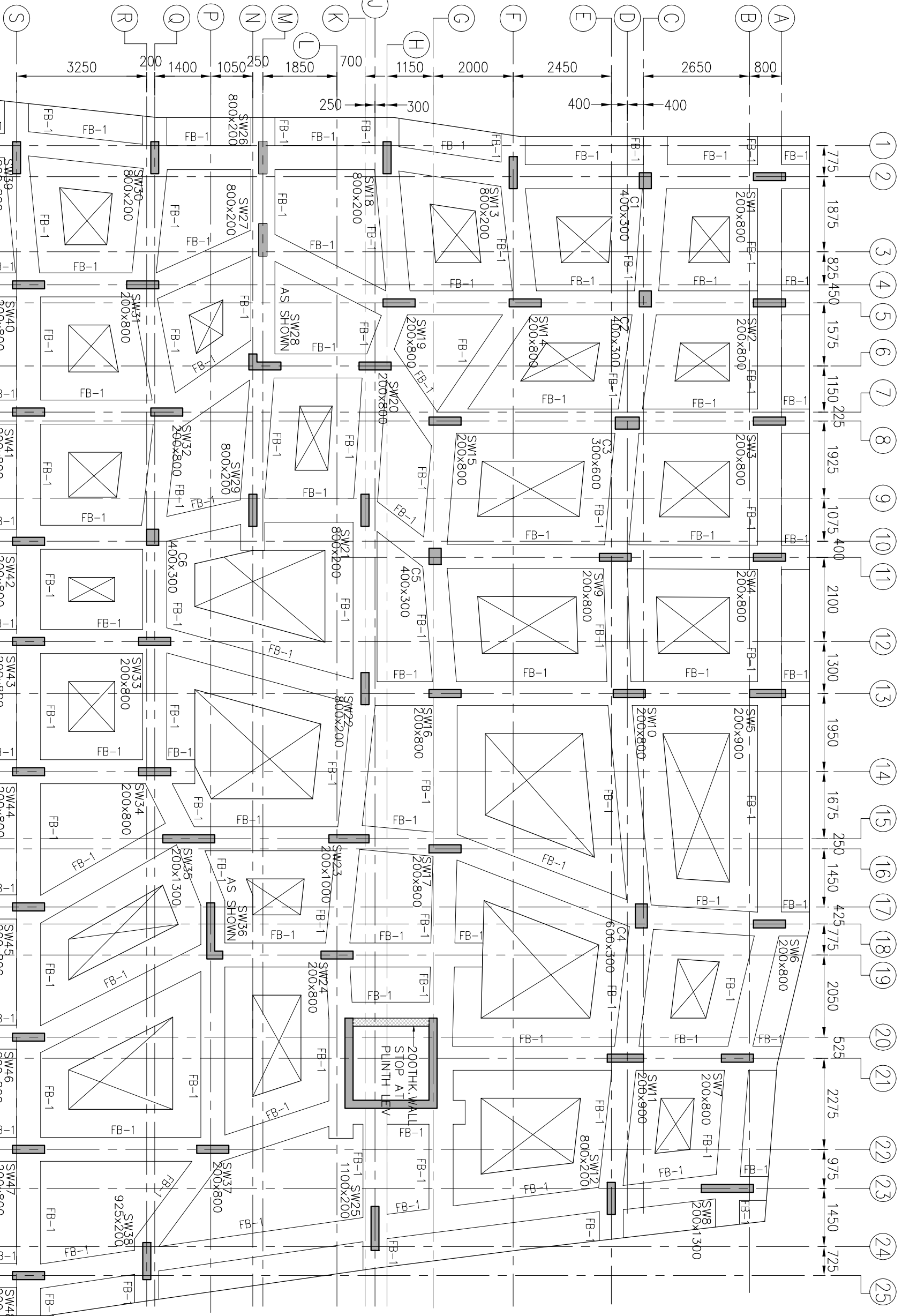
BLOCK-3
SCALE=100

SLAB PROJECTION AT BEAM BOTTOM LEVEL	SLAB PROJECTION AT BEAM TOP LEVEL

SCHEDULE OF COLUMNS FOR BLOCK -3		
TO	TO	TO
ROOF LEV.	4-16T 8-12T	8-16T 8-12T
TO	4-16T 8-12T	8-16T 8-12T
4TH FLOOR	4-16T 8-12T	8-16T 8-12T
TO	4-16T 8-12T	8-16T 8-12T
3RD FLOOR	4-16T 8-12T	8-16T 8-12T
TO	4-16T 8-12T	8-16T 8-12T
2ND FLOOR	4-16T 8-12T	8-16T 8-12T
TO	4-16T 8-12T	8-16T 8-12T
1ST FLOOR	4-16T 8-12T	8-16T 8-12T
TO	4-16T 8-12T	8-16T 8-12T
GROUND FLOOR	4-16T 8-12T	8-16T 8-12T
TO	4-16T 8-12T	8-16T 8-12T
FOUNDATION	4-16T 8-12T	8-16T 8-12T
COL. SIZE	400x300	300x300
LEVEL	C1, C2 C3, C4	C1, C2 C3, C4

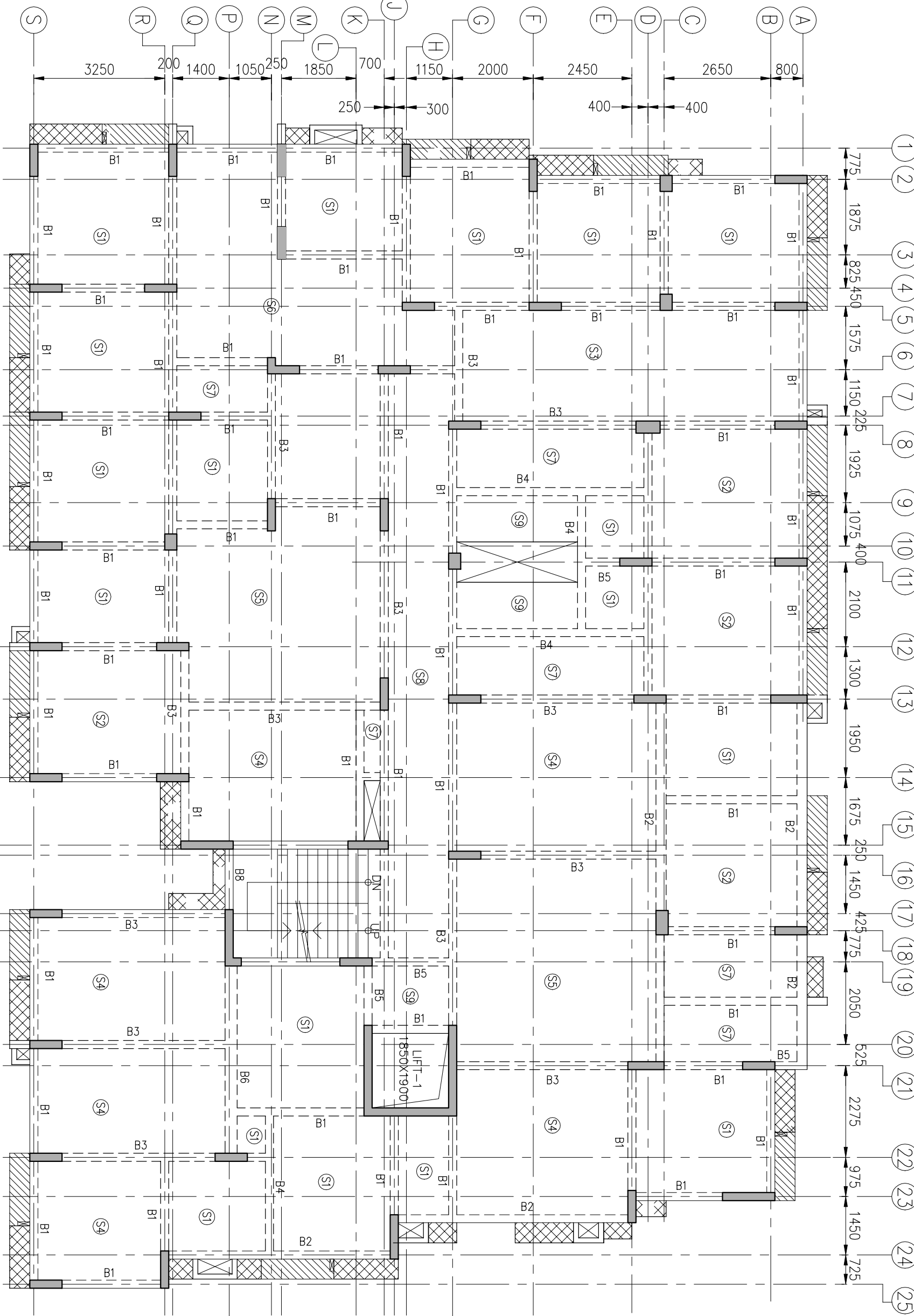
SCHEDULE OF SHEAR WALL FOR BLOCK -3											
TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO	TO
ROOF LEV.	4-16T 10-12T	4-16T 14-12T	4-16T 14-16T	4-16T 8-16T 12-12T	4-16T 12-12T	4-16T 10-10T	4-16T 20-12T	4-16T 18-12T	4-16T 8-10T	4-16T 18-12T	4-16T 8-10T
TO	4-16T 10-12T	4-16T 14-12T	4-16T 14-16T	4-16T 8-16T 12-12T	4-16T 12-12T	4-16T 10-10T	4-16T 20-12T	4-16T 18-12T	4-16T 8-10T	4-16T 18-12T	4-16T 8-10T
4TH FLOOR	4-16T 10-12T	4-16T 14-12T	4-16T 14-16T	4-16T 8-16T 12-12T	4-16T 12-12T	4-16T 10-10T	4-16T 20-12T	4-16T 18-12T	4-16T 8-10T	4-16T 18-12T	4-16T 8-10T
TO	4-16T 10-12T	4-16T 14-12T	4-16T 14-16T	4-16T 8-16T 12-12T	4-16T 12-12T	4-16T 10-10T	4-16T 20-12T	4-16T 18-12T	4-16T 8-10T	4-16T 18-12T	4-16T 8-10T
3RD FLOOR	4-16T 10-12T	4-16T 14-12T	4-16T 14-16T	4-16T 8-16T 12-12T	4-16T 12-12T	4-16T 10-10T	4-16T 20-12T	4-16T 18-12T	4-16T 8-10T	4-16T 18-12T	4-16T 8-10T
TO	4-16T 10-12T	4-16T 14-12T	4-16T 14-16T	4-16T 8-16T 12-12T	4-16T 12-12T	4-16T 10-10T	4-16T 20-12T	4-16T 18-12T	4-16T 8-10T	4-16T 18-12T	4-16T 8-10T
2ND FLOOR	4-16T 10-12T	4-16T 14-12T	4-16T 14-16T	4-16T 8-16T 12-12T	4-16T 12-12T	4-16T 10-10T	4-16T 20-12T	4-16T 18-12T	4-16T 8-10T	4-16T 18-12T	4-16T 8-10T
TO	4-16T 10-12T	4-16T 14-12T	4-16T 14-16T	4-16T 8-16T 12-12T	4-16T 12-12T	4-16T 10-10T	4-16T 20-12T	4-16T 18-12T	4-16T 8-10T	4-16T 18-12T	4-16T 8-10T
1ST FLOOR	4-16T 10-12T	4-16T 14-12T	4-16T 14-16T	4-16T 8-16T 12-12T	4-16T 12-12T	4-16T 10-10T	4-16T 20-12T	4-16T 18-12T	4-16T 8-10T	4-16T 18-12T	4-16T 8-10T
TO	4-16T 10-12T	4-16T 14-12T	4-16T 14-16T	4-16T 8-16T 12-12T	4-16T 12-12T	4-16T 10-10T	4-16T 20-12T	4-16T 18-12T	4-16T 8-10T	4-16T 18-12T	4-16T 8-10T
GROUND FLOOR	4-16T 10-12T	4-16T 14-12T	4-16T 14-16T	4-16T 8-16T 12-12T	4-16T 12-12T	4-16T 10-10T	4-16T 20-12T	4-16T 18-12T	4-16T 8-10T	4-16T 18-12T	4-16T 8-10T
TO	4-16T 10-12T	4-16T 14-12T	4-16T 14-16T	4-16T 8-16T 12-12T	4-16T 12-12T	4-16T 10-10T	4-16T 20-12T	4-16T 18-12T	4-16T 8-10T	4-16T 18-12T	4-16T 8-10T
FOUNDATION	4-16T 10-12T	4-16T 14-12T	4-16T 14-16T	4-16T 8-16T 12-12T	4-16T 12-12T	4-16T 10-10T	4-16T 20-12T	4-16T 18-12T	4-16T 8-10T	4-16T 18-12T	4-16T 8-10T
SHEAR WALL SIZE	200x800	200x800	200x800	200x800	200x800	200x800	200x800	200x800	200x800	200x800	200x800
LEVEL	C1, C2 C3, C4	C1, C2 C3, C4	C1, C2 C3, C4	C1, C2 C3, C4	C1, C2 C3, C4	C1, C2 C3, C4	C1, C2 C3, C4	C1, C2 C3, C4	C1, C2 C3, C4	C1, C2 C3, C4	C1, C2 C3, C4

8T FOR CLOSED LIMS & 8T FOR OPEN LIMS.



FOUNDATION LAYOUT PLAN

BLOCK-3
SCALE=100



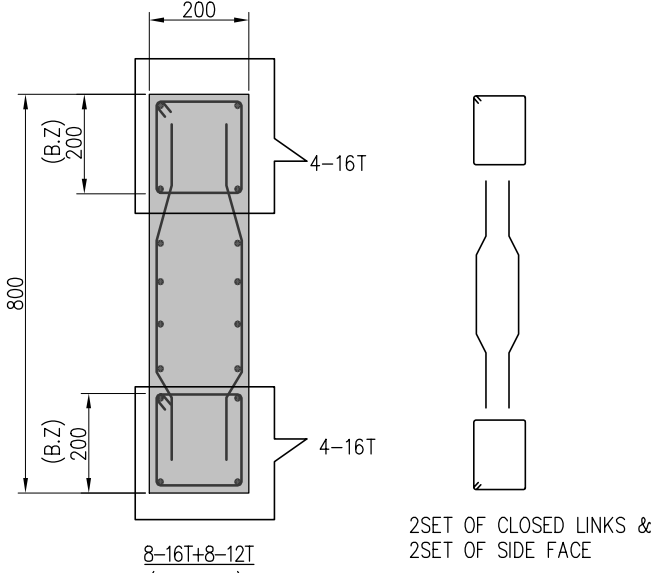
G.A. OF 1ST FLOOR PLAN

BLOCK-3
SCALE=100

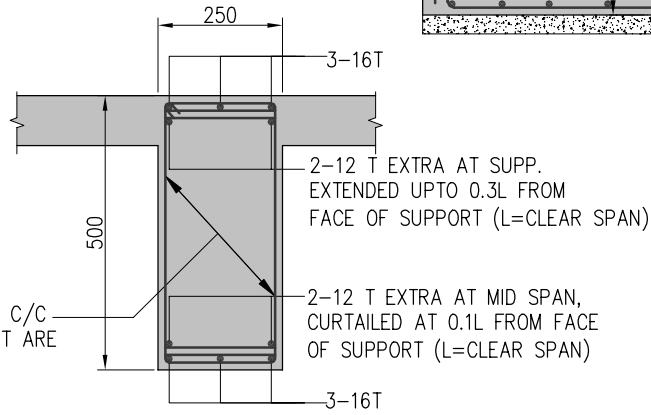
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MUST NOT BE COPIED OR LENT WITHOUT THE CONSENT OF M/S INMATE

SCHEDULE OF ALL FLOOR BEAMS FOR BLOCK 1,2,3									
BEAM MKD.	BEAM SIZE	BEAM REINF.				STIRRUP		REMARKS	
		END SUPPT. (T)	MID SUPPT. (B)	MID SPAN (T)	MID SPAN (B)	UPTO L/3 FROM SUPPT.	MID SPAN		
B1	200X500	2-16T	2-16T	2-16T	2-16T	8T 2L Ø100 C/C	8T 2L Ø200 C/C		
B2	250X500	3-16T + 2-12T	3-16T	3-16T	3-16T + 2-12T	8T 2L Ø100 C/C	8T 2L Ø200 C/C		
B3	200X500	2-16T + 2-12T	2-16T	2-16T	2-16T + 2-12T	8T 2L Ø100 C/C	8T 2L Ø200 C/C		
B4	200X500	2-16T	2-16T	2-16T	2-16T + 2-12T	8T 2L Ø100 C/C	8T 2L Ø200 C/C		
B5	200X500	2-16T + 2-12T	2-16T	2-16T	2-16T	8T 2L Ø100 C/C	8T 2L Ø200 C/C		
B6	300X500	4-16T + 2-20T	3-16T	3-16T	3-16T + 2-20T	8T 2L Ø100 C/C	8T 2L Ø200 C/C		
B7	200X800	2-16T + 2-12T	2-16T	2-16T	2-16T + 2-12T	8T 2L Ø100 C/C	8T 2L Ø200 C/C		
B8	200X800	2-16T	2-16T	2-16T	2-16T	8T 2L Ø100 C/C	8T 2L Ø200 C/C		
B9	375X500	4-16T + 4-16T	4-16T	4-16T	4-16T	8T 2L Ø100 C/C	8T 2L Ø200 C/C		
B10	200X800	2-16T + 2-20T	2-16T	2-16T	2-16T	8T 2L Ø100 C/C	8T 2L Ø200 C/C		
B11	800X250	3-16T + 4-12T	3-16T	3-16T	3-16T + 4-12T	8T 4L Ø100 C/C	8T 4L Ø200 C/C		
B12	300X500	3-20T + 3-16T	3-20T	3-20T	3-20T + 3-16T	10T 4L Ø100 C/C	10T 4L Ø200 C/C		
B13	800X500	3-20T + 4-16T	3-20T	3-20T	3-20T + 4-16T	10T 6L Ø100 C/C	10T 6L Ø150 C/C		

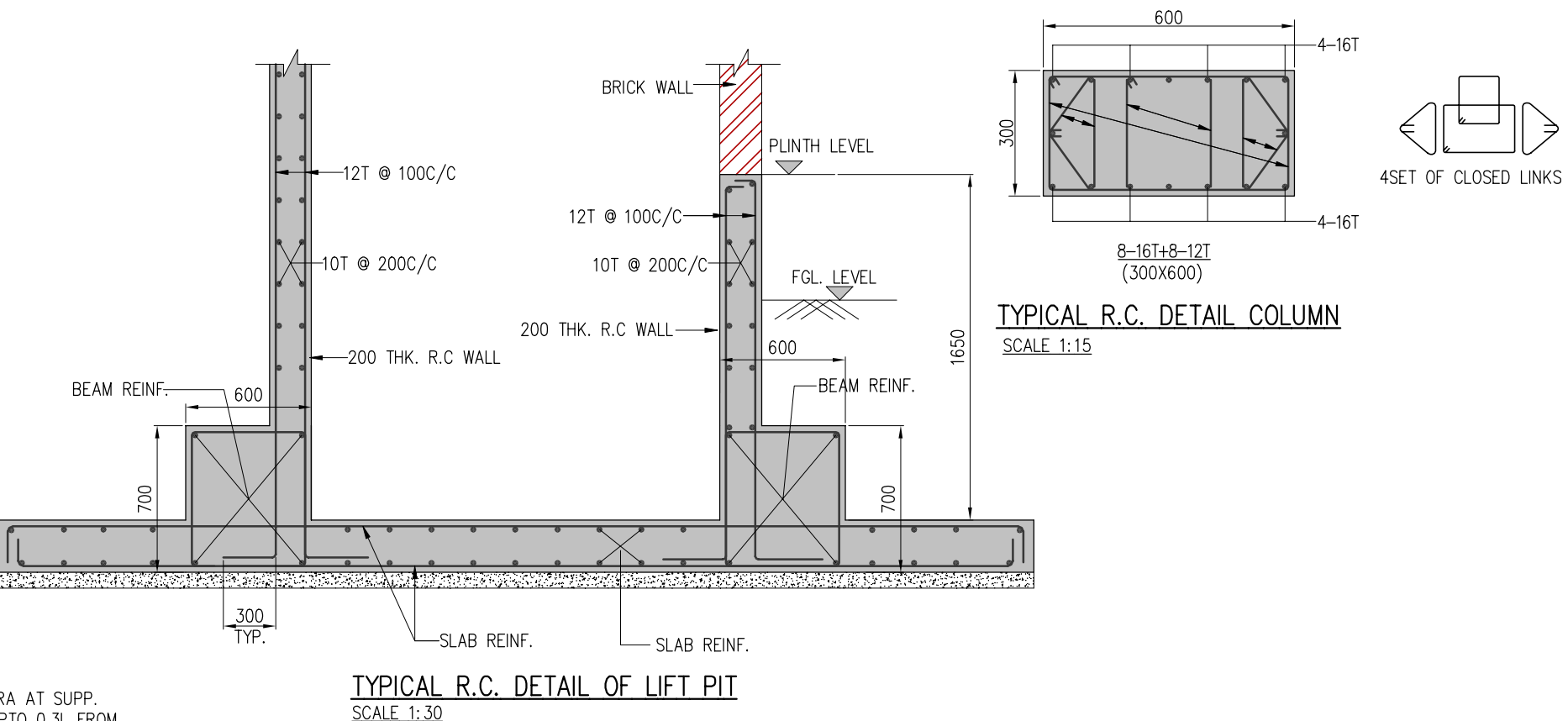
SCHEDULE OF SLABS FOR BLOCK 1,2,3								
SLAB MKD.	SLAB THK.	SLAB REINF.						DIST.
		SHORTER DIR.		LONGER DIR.				
		SUPPORT	MID SPAN	SUPPORT	MID SPAN			
S1	100	8T @ 200 C/C	8T @ 200 C/C	8T @ 200 C/C	8T @ 200 C/C		8T @ 300 C/C	
S2	100	8T @ 175 C/C	8T @ 175 C/C	8T @ 200 C/C	8T @ 200 C/C		8T @ 300 C/C	
S3	120	8T @ 125 C/C	8T @ 150 C/C	8T @ 200 C/C	8T @ 200 C/C		8T @ 250 C/C	
S4	100	8T @ 125 C/C	8T @ 125 C/C	8T @ 175 C/C	8T @ 175 C/C		8T @ 300 C/C	
S5	125	8T @ 125 C/C	8T @ 125 C/C	8T @ 125 C/C	8T @ 125 C/C		8T @ 250 C/C	
S6	135	10T @ 100 C/C	10T @ 100 C/C	10T @ 200 C/C	10T @ 200 C/C		8T @ 200 C/C	
S7	100	8T @ 150 C/C	8T @ 150 C/C	8T @ 200 C/C	8T @ 200 C/C		8T @ 300 C/C	
S8	125	8T @ 150 C/C	8T @ 150 C/C	8T @ 200 C/C	8T @ 200 C/C		8T @ 300 C/C	
S9	200	12T @ 100 C/C	12T @ 100 C/C	12T @ 100 C/C	12T @ 200 C/C	10T @ 200 C/C		



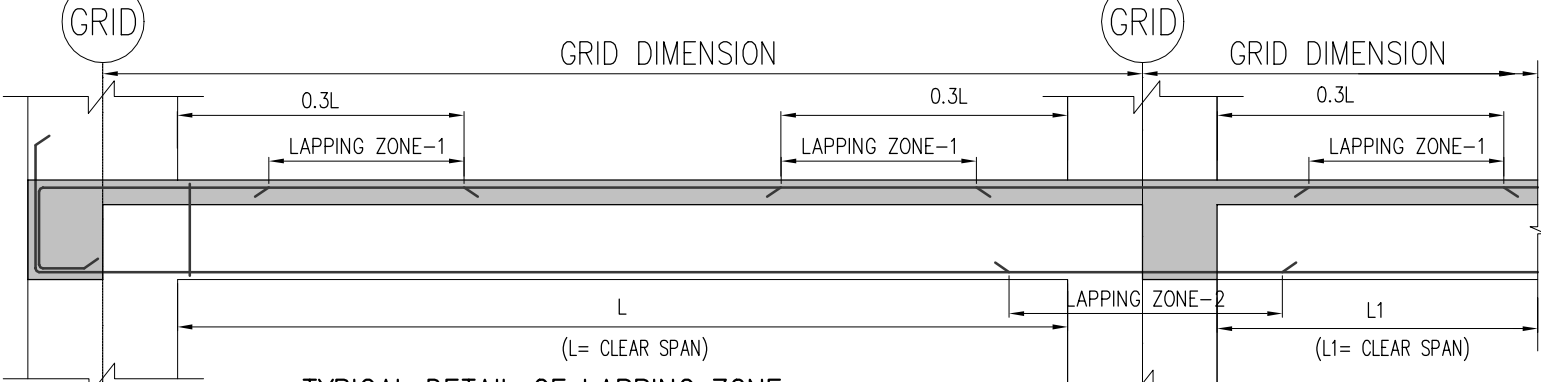
TYPICAL R.C. DETAIL SHEAR WALL
SCALE 1:15



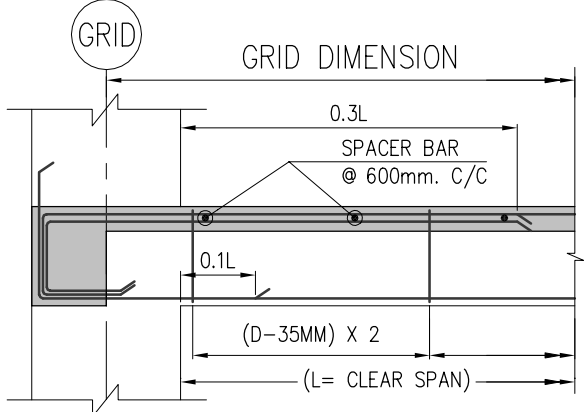
TYPICAL R.C. DETAIL BEAM
SCALE 1:15



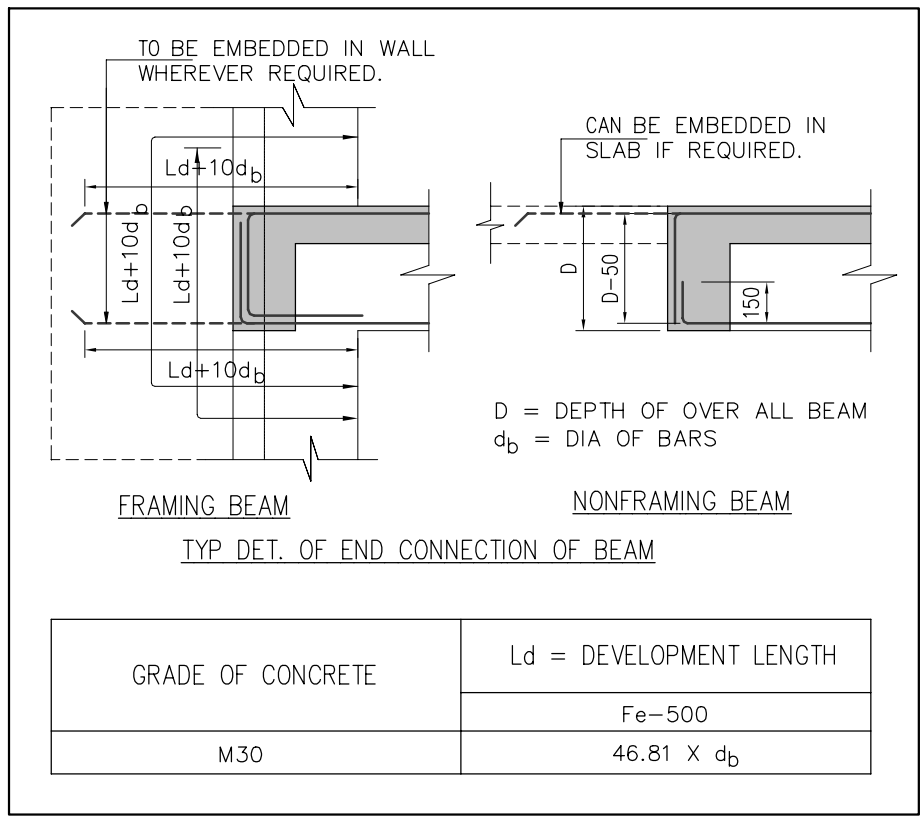
TYPICAL R.C. DETAIL OF LIFT PIT
SCALE 1:30



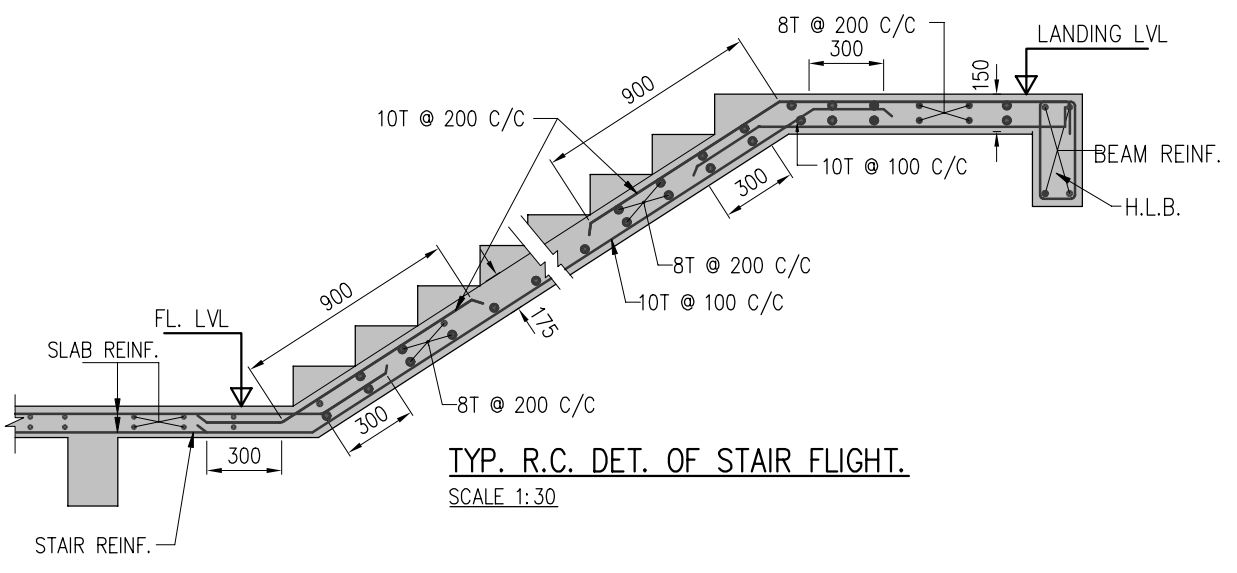
TYPICAL DETAIL OF LAPPING ZONE
LAPPING ZONE-1 FOR TOP REINFORCEMENT
LAPPING ZONE-2 FOR BOTTOM REINFORCEMENT



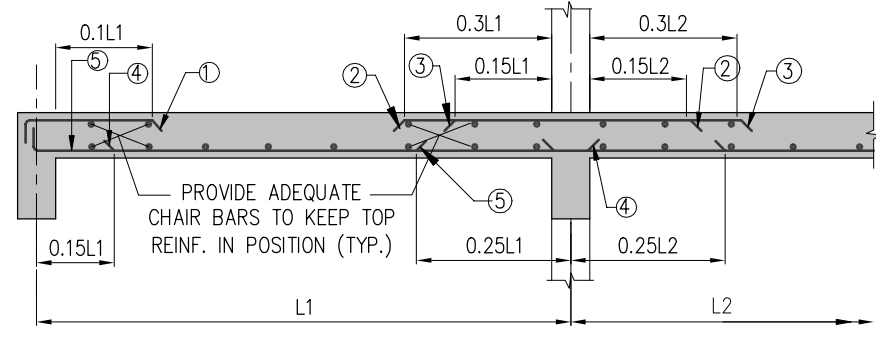
TYPICAL DETAIL FOR SPACER BAR
SCALE 1:30



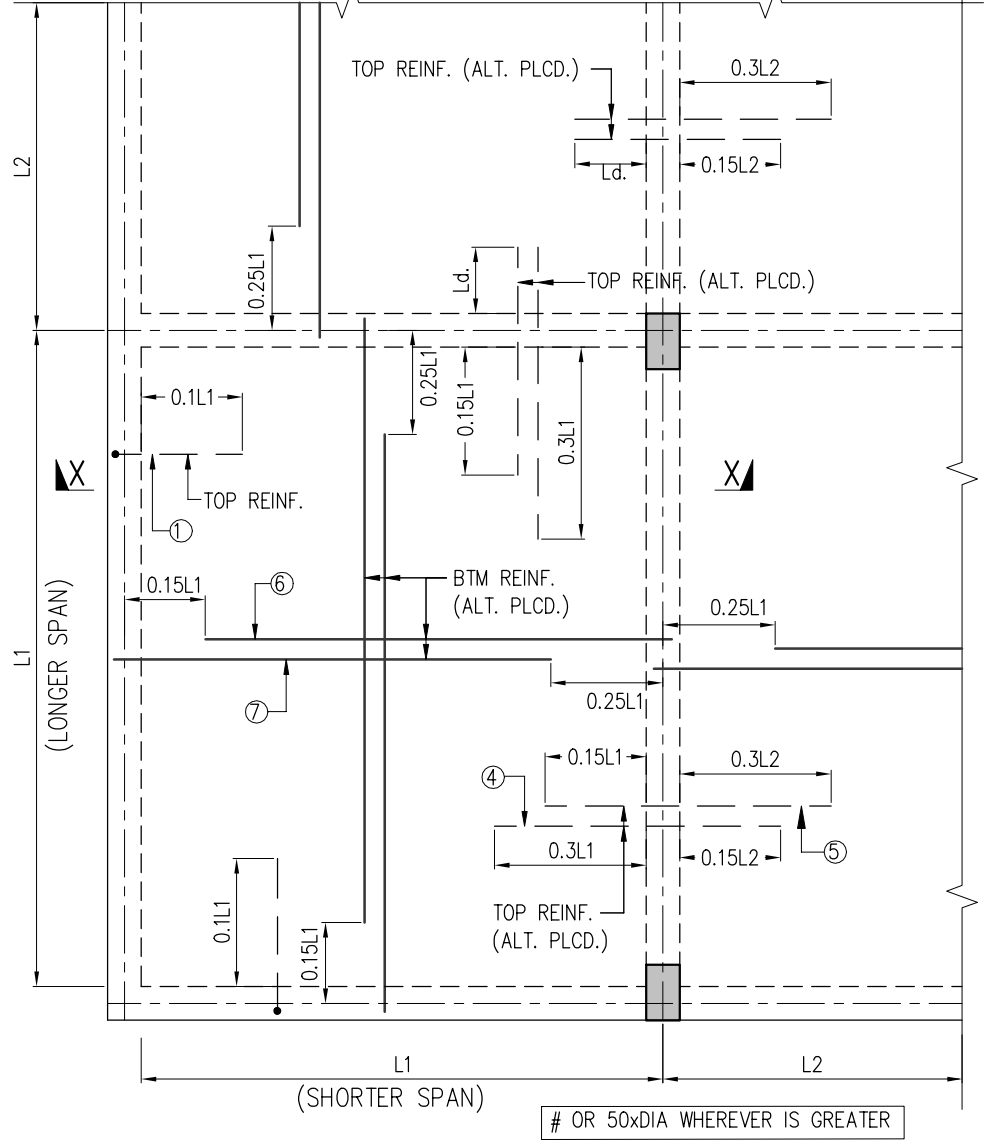
TYP DET. OF END CONNECTION OF BEAM



TYP. R.C. DET. OF STAIR FLIGHT.
SCALE 1:30



SECTION X-X
SCALE 1:50



TYPICAL REINF. ARRANGEMENT IN SLAB PANEL
SCALE 1:30

A. Reinforcement:

a) Unless otherwise specified all reinforcement to be used shall be TMT bars of grade Fe-500 conforming to IS-1786-2008 and elongation shall be minimum 14.5 percent.

b) Adequate chair bars to be provided to keep the top reinforcement in proper position.

c) Unless otherwise stated lap length of bars shall be development length.

d) Unless otherwise specified distribution reinforcement shall be 8 T @ 300 c/c

e) Unless otherwise stated **concrete cover** to main reinforcement shall be as follows:

GRADE SLAB	: 20MM	TIE BEAM	: 25MM
COLUMNS	: 40MM	FLOOR BEAMS	: 25MM
FDN OR STITCHING SLAB	: 50MM	FLOOR SLABS	: 20MM
SHEAR WALL	: 40MM	STAIR CASE	: 20MM
WATER TANK	NEAR WATER FACE : 45MM AWAY FROM WATER FACE : 25MM		

B. STRUCTURAL CONCRETE

A) Unless otherwise specified Grade of Concrete in structural members shall be M25

COMPACTION OF CONCRETE SHALL BE DONE BY MECHANICAL VIBRATOR. PROPER CARE SHALL BE TAKEN TO AVOID SEGREGATION AND HONEYCOMBING.

C. NOTES FOR SLAB:

1. All small cutouts (size maximum 300x400) are not shown in plan, coordinate with arch & services drg. for the same. Trimmer bar should be provided. (2+2)10T ext.

2. For cutouts exceeding above mention size, trimmer bars should be provided as shown in respective slab reinf. drg.

3. **SUPPORT REINFORCEMENT IN SLAB FOR ADJACENT PANELS :-**
provide greater of the two (i.e. reinf. with lesser spacing) unless specified otherwise.

4. Support reinforcement in slab shall be 0.2L / 0.3L Or development length i.e. 50 x dia of bar, whichever is greater from the face of support.

5. Distribution steel not shown in drawing for clarity, provide 8 T @ 300 c/c.

6. **CURTAINMENT OF BOTTOM REINF. :-**
No curtailment of btm. reinf. shall be done for bars having spacing 200 c/c Or more.

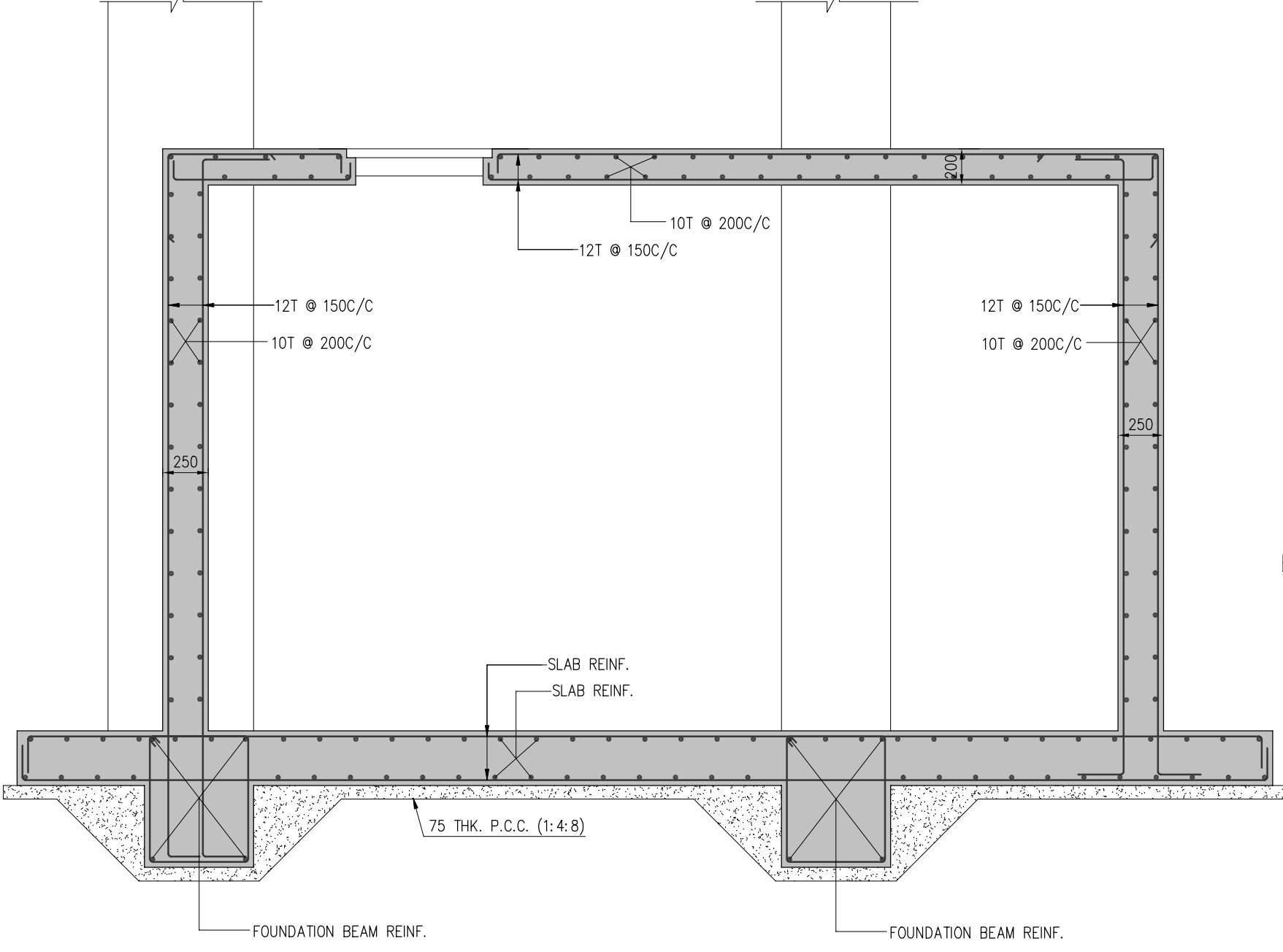
D. GENERAL NOTES:

1. Unless otherwise stated all construction activities shall be carried out conforming to relevant (Indian) standard codes of practice.

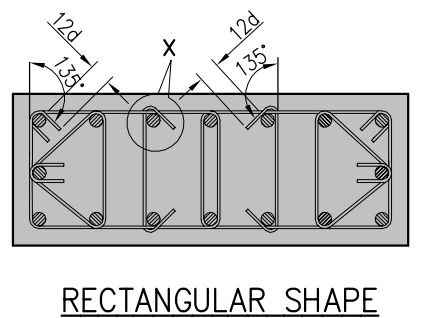
2. All dimensions are in millimeters & levels are in Meter. Except otherwise mentioned only written dimensions shall be followed. All levels given in structural drawings are in accordance with architectural drawings and indicates structural level only (without finish). However architectural drawing to be coordinated for all levls.

3. All structural drawing shall be read along with this drawing as well as relevant architectural drawings.

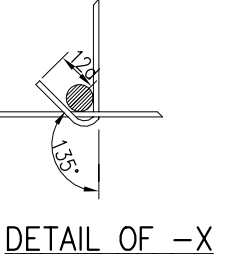
4. Any discrepancy in the structural and architectural drawings shall be brought to the notice of design office before execution of work.



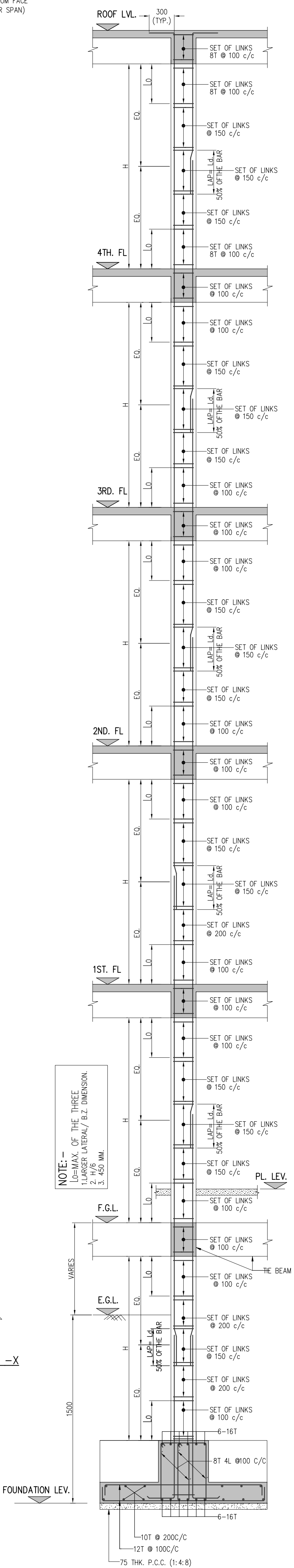
CROSS SECTION OF U.G.R.
SCALE 1:30



RECTANGULAR SHAPE
ENLARGED PLAN SHOWING TYPICAL DETAILS OF LINKS COVER TO COL./SHEAR WALL REINF.



DETAIL OF -X



TYPICAL DETAIL OF COLUMN/SHEAR WALL
SCALE=1:30

LEGEND: -

1. C/C - CENTER TO CENTER.
2. B.Z. - BOUNDARY ZONE.
3. TYP. - TYPICAL
4. MAX. - MAXIMUM
5. MIN. - MINIMUM

PROJECT

PROPOSED G+4 (BLOCK-1, BLOCK-2 & BLOCK-3) STORIED RESIDENTIAL COMPLEX AT THE R.S. & L.R. DAG NO.-1183 (PART), 1186,1187,1189 (PART), 1193,1194; J.L. NO.- 47; HOLDING NO. - 381; L.R. KHATIAN NO. - 2790, 2791,2792, 2793, 2794, 2795, 2796, 2797, 2824 & 2825; WARD NO. - 28; AT MOUZA - BARHANSH-FARTABAD, POLICE STATION - NARENDRAPUR THAN SONARPUR, DISTRICT -24 PARGANAS (S) UNDER RAJPUR - SONARPUR MUNICIPALITY,

PUJA BUILDERS
Sonu Rohra
Proprietor

SONU ROHRA
PUJA BUILDERS
PROPRIETOR

NAME OF OWNER

Declaration of Architect

I do hereby certify that the building plans, elevations, sections and other structural details of the proposed building under the jurisdiction of Rajpur-Sonarpur Municipality have been prepared in conforming with all relevant provisions under the West Bengal Municipal (Building) Rules,2007. This also to certify that relevant 'no objection' certificates from the respective authorities such as Fire and Emergency Service Department, Airport Authority, Pollution Control Board, Telecommunication Department etc. as applicable in this regard, are also enclosed with the application for seeking approval of the plan to construct / reconstruct/addition to alteration of the building .

SANJAY MANDAL
102, NAGENDRA NATH ROAD
KOLKATA - 75
EBA - CLASS(I)
RAJPUR SONARPUR MUNICIPALITY
BUILDING NO-707

SANJAY MANDAL
LICENCE NO: 707/RJPSO/LBA/2011-12
M: 9903060016

NAME OF ARCHITECT

Declaration of Structural Engineer

I do hereby certify that the foundation and superstructure of the building proposed for construction under the jurisdiction of Rajpur-Sonarpur Municipality have been personally inspected and so designed by me will make such foundation and superstructure safe in all respect including the consideration of bearing capacity and settlement of soil and other conditions, if any, conforming to all stipulations of all relevant IS Code of Practice and National Building Code.

SUNANDAN NARAYAN BASU
534/1/1, JODHPUR PARK
KOLKATA-700 046
RAJPUR SONARPUR MUNICIPALITY
073/RJPSO/ESE-II

SUNANDAN NARAYAN BASU
LICENCE NO: 073/RAJPUR/ESE(I)
NAME OF STRUCTURAL ENGINEER

SPECIFICATIONS

1. ALL DIMENSIONS ARE IN MILLIMETERS AND LEVELS ARE IN METERS UNLESS STATED OTHERWISE.

2. ONLY WRITTEN DIMENSIONS SHALL BE FLOWED.

3. GRADE OF CONCRETE SHALL BE:-
a. **M25** FOR SUB STRUCTURE.
b. **M30** FOR TIE BEAM, COLUMN BEAM, SLAB & STAIR.

4. NOMINAL CONCRETE COVER TO THE MAIN REINFORCEMENT SHALL BE:-
a. 75mm FOR FOUNDATION SLAB & BEAM.
b. 35mm FOR STAIR SLAB.
c. 40mm FOR TIE BEAM, COLUMN, R.C. WALL, STAIR BEAM.
d. 30mm FOR BEAM.
e. 20mm FOR SLAB.

5. Ld SHALL BE 49 TIMES DIA OF BAR.

6. T-DENOTES HIGH YIELD STRENGTH DEFORMED BARS OF GRADE **Fe 500D** HAVING YIELD STRENGTH NOT LESS THAN 500 N/MM² CONFORMING TO IS:1786-2008.

7. a) DETAILS OF SPACER BAR PROVIDED TO BE HIGHER DIA OF BAR @ 600 C/C.
b) SKIN BAR/SIDE FACE SHALL BE DISTRIBUTED EQUALLY ON TWO FACE AT A SPACING NOT EXCEEDING 300mm C/C.

8. ALL THE LEVELS TO BE VERIFIED WITH RELEVANT ARCHITECTURAL DRAWING.

9. FOR ORIENTATION, LOCATION AND SETTING OUT OF BUILDING/GRIDS REFER RELEVANT ARCHITECTURAL MASTER PLAN.

10. ALL THE LEVELS TO BE VERIFIED AT SITE BEFORE EXECUTION.

11. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH RELEVANT STRUCTURAL & ARCHITECTURE DRAWINGS.

12. CUT OUTS SIZE & SLEEVE LOCATION WILL BE FOLLOW ARCHITECTURAL & SERVICES DRAWINGS.

TITLE

ALL DETAILS & SCHEDULES OF BLOCK 1,2,3

DRG. NO.	IN/1292/ST/CORP/05		
SCALE	AS SHOWN	DRAWN BY	S.D.
DATE	01.12.2025	CHKD BY	B.D.
JOB NO.	IN/1292	APVD BY	S.M.
DESIGNED BY		INNATE	
ISSUE STATUS		SANCTION	

ARCHITECT

26/2, BALUAGHAT, KOLKATA-700 019

TEL: 98300 019

98300 019