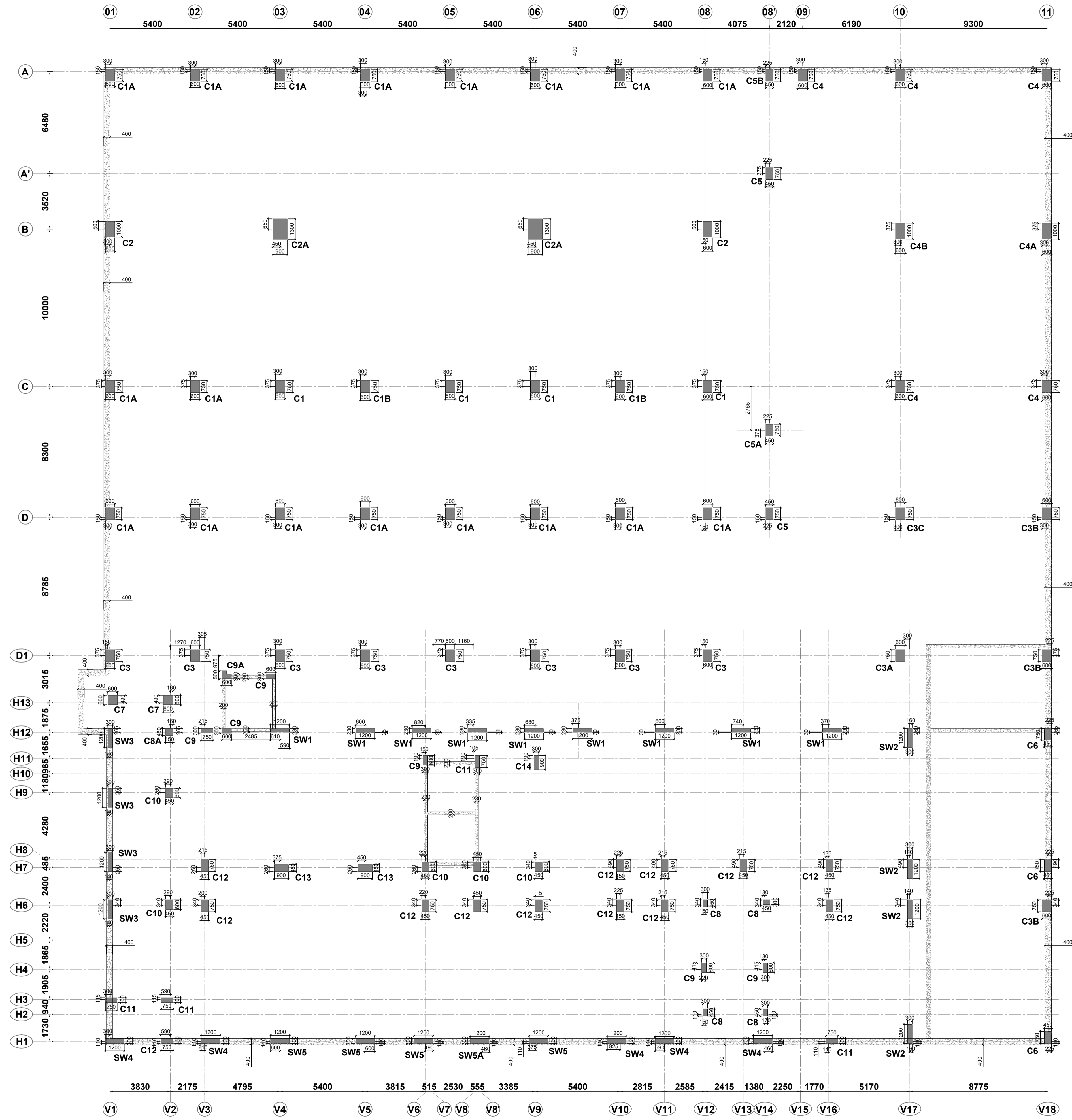
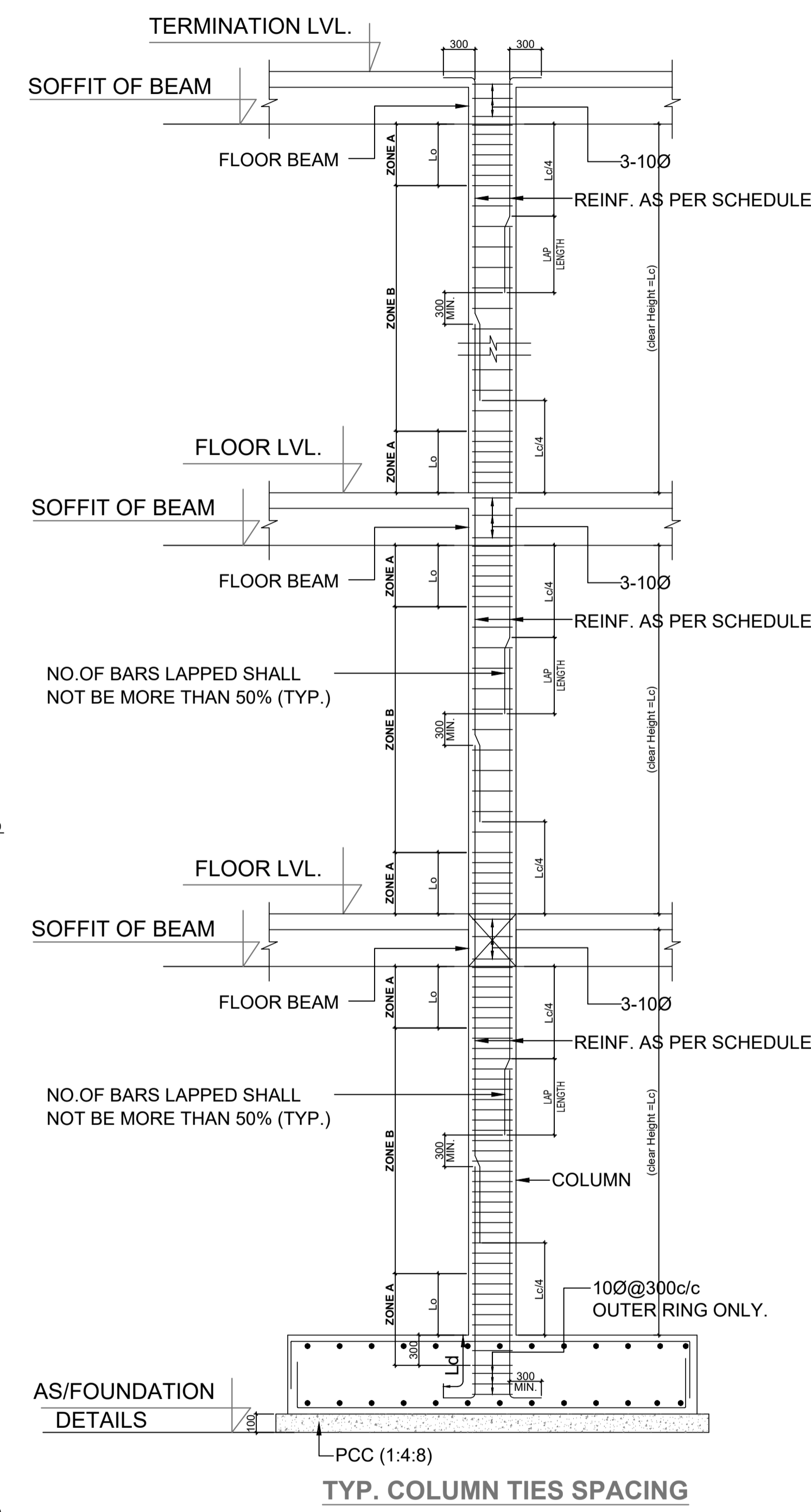


GENERAL NOTES:-

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2. DO NOT SCALE ANY DIMENSION.
3. GENERAL NOTES SHALL ALSO BE READ IN CONJUNCTION WITH THIS DRAWING.
4. COLUMN LAYOUT PLAN SHALL BE CONFIRMED WITH ARCHITECTURAL DRAWINGS.
5. IF GRID SPACING IS NOT MATCHING WITH ARCHITECTURAL DRAWINGS, IT SHALL BE BROUGHT TO THE NOTICE OF CONSULTANT.
6. THE CLEAR COVER TO THE REINFORCEMENT SHALL BE AS FOLLOWS:-
(a) COLUMNS (TIES) : 40MM
(b) SHEAR WALL (TIES) : 30MM
7. FOR REINFORCEMENT Fe-500 (TMT) SHALL BE USED CONFORMING TO IS:1786 LATEST REVISION
8. DISTANCE BETWEEN THE SPLICING LAP SHOULD BE 1.3Ld



COLUMN LAYOUT PLAN



- * ZONE A - AS/COLUMN SCHEDULE
 - * ZONE B - AS/COLUMN SCHEDULE
 - * IN LAP PORTION STIRRUPS SPACING SHALL BE 150mm c/c (MAXIMUM)
- FOR 32Ø MAIN BARS - MIN. TIES DIA SHALL BE 8Ø
- Lc SHALL BE GREATER OF**
- (a) Lc/6
 - (b) LARGER LATERAL DIMENSION OF COLUMN SHEAR WALL BOUNDARY ELEMENT (750mm).
 - (c) 450 mm MIN.

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ARCHITECT			
SURESH GOEL AND ASSOCIATES ARCHITECTS . ENGINEERS . PLANNERS			
DWG ISSUED ON	16/03/23	AT - NEW DELHI	PROJECT CODE
SIG	SIG	SIG	202210
Name :	Name :	Name :	BUILDING CODE
ORIGINATED BY ARCHITECT	CHECKED BY ARCHITECT	VALIDATED BY ARCHITECT	H2

PROJECT:
GUJARAT BIOTECHNOLOGY UNIVERSITY

	C-85, SHIVALIK NEW DELHI-110017 TEL.(011)26676254, 41034450 MAIL.mail@sgadesignlab.com	SANDEEP GOEL CHIEF ARCHITECT CLIENT :
--	--	---

	BUILDING TYPE: ANIMAL HOUSE	
	DRAWING TITLE: COLUMN LAYOUT PLAN	
	DRAWING NUMBER: 202210-GBU-AH-S2-AP-ST-001	
SCALE: NTS	SHEET SIZE : A1	SHEET NO : 1 OF 4

STRUCTURE CONSULTANT

MAC CONSULTING ENGINEERS
OFFICE NO.1, FIRST FLOOR, SHARMA COMPLEX
ABOVE PNB BANK, SECTOR 51 NOIDA
PIN NO. 201301
PH.8826021424
EMAIL-macconsultingengineers@gmail.com

COLUMN SCHEDULE

GRADE COLUMN MARK	COLUMN SIZE	FOUNDATION TO GROUND FLOOR LVL.	GROUND FLOOR LVL. TO 1st FLOOR LVL.	INDICATES TIES SPECIFICATION AS/LEGEND		TIES
				1st FLOOR LVL. TO 2nd FLOOR LVL.	2nd FLOOR LVL. TO TERMINATION LVL.	
C1		M30	M30	M30	M30	
C1A		A = 4-32Ø B = 8-32Ø C = 8-25Ø D = 2-25Ø	A = 4-32Ø B = 8-32Ø C = 8-25Ø D = 2-25Ø			
C1B		A = 4-25Ø B = 8-20Ø C = 8-20Ø D = 2-20Ø	A = 4-25Ø B = 8-20Ø C = 8-20Ø D = 2-20Ø			
C2		A = 4-25Ø B = 8-25Ø C = 8-25Ø D = 4-25Ø E = 4-25Ø	A = 4-25Ø B = 8-25Ø C = 8-25Ø D = 4-25Ø E = 4-25Ø			
C2A		A = 4-32Ø B = 8-32Ø C = 8-20Ø D = 8-20Ø E = 6-20Ø F = 4-20Ø G = 2-20Ø	A = 4-20Ø B = 8-20Ø C = 8-20Ø D = 8-20Ø E = 6-20Ø F = 4-20Ø G = 2-20Ø			
C3		A = 4-25Ø B = 8-25Ø C = 8-20Ø D = 2-20Ø				
C3A		A = 4-32Ø B = 8-32Ø C = 4-25Ø D = 2-25Ø				
C3B		A = 4-25Ø B = 8-25Ø C = 4-20Ø D = 2-20Ø				
C4		A = 4-25Ø B = 8-25Ø C = 8-20Ø D = 2-20Ø				
C4A		A = 4-20Ø B = 8-20Ø C = 8-20Ø D = 4-20Ø E = 4-16Ø				

COLUMN SCHEDULE

GRADE COLUMN MARK	COLUMN SIZE	FOUNDATION TO GROUND FLOOR LVL.	GROUND FLOOR LVL. TO 1st FLOOR LVL.	INDICATES TIES SPECIFICATION AS/LEGEND		TIES
				1st FLOOR LVL. TO 2nd FLOOR LVL.	2nd FLOOR LVL. TO TERMINATION LVL.	
C3C		M30	M30			
C4B		A = 4-32Ø B = 8-32Ø C = 8-25Ø D = 2-25Ø X = 8-32Ø				

LEGEND FOR LATERAL TIES.

LEGEND	ZONE	TIES SPECIFICATION
Ⓡ	A	10Ø@75c/c OUTER TIES +8Ø@75c/c INNER TIES
	B	8Ø@150c/c OUTER TIES +8Ø@150c/c INNER TIES
Ⓚ	A	10Ø@100c/c OUTER TIES +8Ø@100c/c INNER TIES
	B	8Ø@200c/c OUTER TIES +8Ø@200c/c INNER TIES

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 - DISTANCE BETWEEN THE SPLICING LAP SHOULD BE 1.3Ld

24.04.2024	RO		FOR APPROVAL ONLY			
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ARCHITECT						
SURESH GOEL AND ASSOCIATES ARCHITECTS . ENGINEERS . PLANNERS						
DWG ISSUED ON 16/03/23		AT- NEW DELHI		PROJECT CODE 202210		
SIG	SIG	SIG	BUILDING CODE H2			
ORIGINATED BY ARCHITECT	CHECKED BY ARCHITECT	VALIDATED BY ARCHITECT	PROJECT: GUJARAT BIOTECHNOLOGY UNIVERSITY			

C-85, SHIVALIK NEW DELHI-110017
TEL:(011)26676254,41034450
MAIL:mail@sgadesignlab.com

SANDEEP GOEL
CHIEF ARCHITECT
CLIENT :

BUILDING TYPE:
ANIMAL HOUSE

DRAWING TITLE:
COLUMN SCHEDULE

DRAWING NUMBER:
202210-GBU-AH-S2-AP-ST-001

SCALE: NTS SHEET SIZE : A1 SHEET NO : 2 OF 4

STRUCTURE CONSULTANT

MAC CONSULTING ENGINEERS
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EMAIL-macconsultingengineers@gmail.com

COLUMN SCHEDULE

INDICATES TIES SPECIFICATION AS/LEGEND

COLUMN MARK	COLUMN SIZE	FOUNDATION TO GROUND FLOOR LVL.	REDUCE	GROUND FLOOR LVL. TO 1st FLOOR LVL.	1st FLOOR LVL. TO 2nd FLOOR LVL.	2nd FLOOR LVL. TO TERMINATION LVL.	TIES
C5		M30 A = 4-32Ø B = 8-32Ø C = 4-32Ø D = 2-25Ø		M30 A = 4-32Ø B = 6-32Ø C = 4-32Ø D = 2-25Ø	M30	M30	TERMINATE MUMTY LVL.
C5A		M30 A = 4-25Ø B = 8-25Ø C = 4-25Ø D = 2-25Ø		M30 A = 4-25Ø B = 6-25Ø C = 4-25Ø D = 2-25Ø	M30	M30	TERMINATE MUMTY LVL.
C5B		M30 A = 4-16Ø B = 8-16Ø C = 4-16Ø D = 2-16Ø		M30 A = 4-16Ø B = 6-16Ø C = 4-16Ø D = 2-16Ø	M30	M30	TERMINATE MUMTY LVL.
C6		M30 A = 4-20Ø B = 8-20Ø C = 4-20Ø D = 2-20Ø		TERMINATE AT GROUND FLOOR			
C7		M30 A = 4-20Ø B = 8-20Ø C = 8-20Ø		M30 A = 4-20Ø B = 8-20Ø C = 8-20Ø	M30 A = 4-16Ø B = 8-16Ø C = 8-16Ø	M30 A = 4-16Ø B = 8-16Ø C = 8-16Ø	
C8		M30 A = 4-20Ø B = 6-20Ø		M30 A = 4-20Ø B = 6-20Ø	M30 A = 4-20Ø B = 6-20Ø	M30 A = 4-25Ø B = 6-20Ø	
C8A		M30 A = 4-20Ø B = 8-20Ø		M30 A = 4-20Ø B = 8-20Ø	M30 A = 4-20Ø B = 8-20Ø	M30 A = 4-25Ø B = 8-20Ø	
C9		M30 A = 4-16Ø B = 6-16Ø C = 4-16Ø		M30 A = 4-16Ø B = 6-16Ø C = 4-16Ø	M30 A = 4-16Ø B = 6-16Ø C = 4-16Ø	M30 A = 4-16Ø B = 6-16Ø C = 4-16Ø	
C9A		M30 A = 4-20Ø B = 8-20Ø C = 2-16Ø		M30 A = 4-20Ø B = 6-16Ø C = 4-16Ø	M30 A = 4-16Ø B = 6-16Ø C = 4-16Ø	M30 A = 4-16Ø B = 6-16Ø C = 4-16Ø	
C10		M30 A = 4-16Ø B = 8-16Ø C = 4-16Ø		M30 A = 4-16Ø B = 8-16Ø C = 4-16Ø	M30 A = 4-16Ø B = 8-16Ø C = 4-16Ø	M30 A = 4-16Ø B = 8-16Ø C = 4-16Ø	

LEGEND FOR LATERAL TIES.

LEGEND	ZONE	TIES SPECIFICATION
Ⓡ	A	10Ø@75c/c OUTER TIES
		+8Ø@75c/c INNER TIES
	B	8Ø@150c/c OUTER TIES
		+8Ø@150c/c INNER TIES
Ⓢ	A	10Ø@100c/c OUTER TIES
		+8Ø@100c/c INNER TIES
	B	8Ø@200c/c OUTER TIES
		+8Ø@200c/c INNER TIES

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ARCHITECTS . ENGINEERS . PLANNERS

DWG ISSUED ON	16/03/23	AT- NEW DELHI	PROJECT CODE
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Name :	Name :	Name :	BUILDING CODE
ORIGINATED BY ARCHITECT	CHECKED BY ARCHITECT	VALIDATED BY ARCHITECT	H2

PROJECT:
GUJARAT BIOTECHNOLOGY UNIVERSITY

	C-85, SHIVALIK NEW DELHI-110017 TEL:(011)26676254, 41034450 MAIL:mail@sgadesignlab.com	SANDEEP GOEL CHIEF ARCHITECT CLIENT :
--	---	---

	BUILDING TYPE: ANIMAL HOUSE	
	DRAWING TITLE: COLUMN SCHEDULE	
	DRAWING NUMBER: 202210-GBU-AH-S2-AP-ST-001	
SCALE: NTS	SHEET SIZE : A1	SHEET NO : 3 OF 4

STRUCTURE CONSULTANT

MAC CONSULTING ENGINEERS
OFFICE NO.1, FIRST FLOOR, SHARMA COMPLEX
ABOVE PNB BANK, SECTOR 51 NOIDA
PIN NO. 201301
PH.8826021424
EMAIL-macconsultingengineers@gmail.com

COLUMN SCHEDULE

INDICATES TIES SPECIFICATION AS/LEGEND

GRADE	COLUMN SIZE	FOUNDATION TO GROUND FLOOR LVL.	GROUND FLOOR LVL. TO 1st FLOOR LVL.	1st FLOOR LVL. TO 2nd FLOOR LVL.	2nd FLOOR LVL. TO TERMINATION LVL.	TIES
C11		M30 A = 4-20Ø B = 6-20Ø C = 4-20Ø D = 2-20Ø	M30 A = 4-25Ø B = 6-25Ø C = 4-20Ø D = 2-20Ø	M30 A = 4-25Ø B = 6-25Ø C = 4-25Ø D = 2-25Ø	M30 A = 4-32Ø B = 6-25Ø C = 4-25Ø D = 2-25Ø	
C12		M30 A = 4-16Ø B = 8-16Ø C = 4-16Ø D = 2-16Ø	M30 A = 4-16Ø B = 6-16Ø C = 4-16Ø D = 2-16Ø	M30 A = 4-16Ø B = 6-16Ø C = 4-16Ø D = 2-16Ø	M30 A = 4-25Ø B = 6-20Ø C = 4-20Ø D = 2-20Ø	
C13		M30 A = 4-32Ø B = 8-32Ø C = 4-25Ø D = 4-25Ø E = 2-25Ø	M30 A = 4-32Ø B = 8-32Ø C = 4-25Ø D = 4-25Ø E = 2-25Ø	M30 A = 4-32Ø B = 8-32Ø C = 4-32Ø D = 4-25Ø E = 2-25Ø	M30 A = 4-32Ø B = 8-32Ø C = 4-32Ø D = 4-32Ø E = 2-32Ø	
C14		M30 A = 4-16Ø B = 6-16Ø C = 4-16Ø D = 4-16Ø E = 2-16Ø	M30 A = 4-16Ø B = 6-16Ø C = 4-16Ø D = 4-16Ø E = 2-16Ø	M30 A = 4-16Ø B = 6-16Ø C = 4-16Ø D = 4-16Ø E = 2-16Ø	M30 A = 4-16Ø B = 6-16Ø C = 4-16Ø D = 4-16Ø E = 2-16Ø	

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LEGEND FOR LATERAL TIES.

LEGEND	ZONE	TIES SPECIFICATION
Ⓡ	A	10Ø@75c/c OUTER TIES +8Ø@75c/c INNER TIES
	B	8Ø@150c/c OUTER TIES +8Ø@150c/c INNER TIES
Ⓢ	A	10Ø@100c/c OUTER TIES +8Ø@100c/c INNER TIES
	B	8Ø@200c/c OUTER TIES +8Ø@200c/c INNER TIES

COLUMN SCHEDULE

INDICATES TIES SPECIFICATION AS/LEGEND

GRADE	COLUMN SIZE	FOUNDATION TO GROUND FLOOR LVL.	REDUCE	GROUND FLOOR LVL. TO 1st FLOOR LVL.	1st FLOOR LVL. TO 2nd FLOOR LVL.	2nd FLOOR LVL. TO TERMINATION LVL.	TIES
SW1		M30 A = 4-20Ø B = 4-20Ø C = 4-16Ø D = 4-16Ø E = 4-16Ø F = 4-16Ø		M30 A = 4-20Ø B = 4-20Ø C = 4-16Ø D = 4-16Ø E = 4-16Ø F = 4-16Ø	M30 A = 4-20Ø B = 4-20Ø C = 4-16Ø D = 4-16Ø E = 4-16Ø F = 4-16Ø	M30 A = 4-20Ø B = 4-20Ø C = 4-20Ø D = 4-20Ø E = 4-16Ø F = 4-16Ø	
SW2		M30 A = 4-20Ø B = 6-20Ø C = 4-20Ø D = 4-20Ø E = 4-20Ø F = 4-20Ø		M30 A = 4-20Ø B = 6-20Ø C = 4-20Ø D = 4-16Ø E = 4-16Ø F = 4-16Ø	M30 A = 4-16Ø B = 6-16Ø C = 4-16Ø D = 4-16Ø E = 4-16Ø F = 4-16Ø	M30 A = 4-16Ø B = 6-16Ø C = 4-16Ø D = 4-12Ø E = 4-12Ø F = 4-12Ø	
SW3		M30 A = 4-25Ø B = 6-25Ø C = 4-20Ø D = 4-20Ø E = 4-20Ø F = 4-20Ø		M30 A = 4-25Ø B = 4-25Ø C = 4-25Ø D = 4-25Ø E = 2-25Ø	M30 A = 4-25Ø B = 4-25Ø C = 4-16Ø D = 4-16Ø E = 2-16Ø	M30 A = 4-20Ø B = 4-16Ø C = 4-16Ø D = 4-16Ø E = 2-16Ø	
SW4		M30 A = 4-20Ø B = 6-20Ø C = 4-20Ø D = 4-20Ø E = 4-20Ø F = 4-20Ø		M30 A = 4-20Ø B = 4-20Ø C = 4-20Ø D = 4-20Ø E = 4-20Ø F = 4-20Ø	M30 A = 4-25Ø B = 4-25Ø C = 4-20Ø D = 4-20Ø E = 4-20Ø F = 4-20Ø	M30 A = 4-20Ø B = 4-20Ø C = 4-20Ø D = 4-20Ø E = 4-20Ø F = 4-20Ø	
SW5		M30 A = 4-25Ø B = 6-25Ø C = 4-20Ø D = 4-20Ø E = 4-20Ø F = 4-20Ø		M30 A = 4-25Ø B = 4-25Ø C = 4-25Ø D = 4-25Ø E = 2-25Ø	M30 A = 4-25Ø B = 4-25Ø C = 4-25Ø D = 4-25Ø E = 2-25Ø	M30 A = 4-25Ø B = 4-25Ø C = 4-25Ø D = 4-25Ø E = 2-25Ø	
SW5		M30 A = 4-20Ø B = 6-20Ø C = 4-20Ø D = 4-20Ø E = 4-20Ø F = 4-20Ø		M30 A = 4-20Ø B = 4-20Ø C = 4-20Ø D = 4-20Ø E = 4-20Ø	M30 A = 4-20Ø B = 4-20Ø C = 4-20Ø D = 4-16Ø E = 2-16Ø	M30 A = 4-20Ø B = 4-20Ø C = 4-16Ø D = 4-16Ø E = 2-16Ø	

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DWG ISSUED ON: 16/03/23 AT: NEW DELHI PROJECT CODE: 202210

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PROJECT:
GUJARAT BIOTECHNOLOGY UNIVERSITY

C-85, SHIVALIK NEW DELHI-110017
TEL:(011)26676254, 41034450
MAIL:mail@sgadesignlab.com

SANDEEP GOEL
CHIEF ARCHITECT
CLIENT :

BUILDING TYPE:
ANIMAL HOUSE

DRAWING TITLE:
COLUMN SCHEDULE

DRAWING NUMBER:
202210-GBU-AH-S2-AP-ST-001

SCALE: NTS SHEET SIZE : A1 SHEET NO : 4 OF 4

STRUCTURE CONSULTANT
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4. FOR REINFORCEMENT Fe 500(TMT) SHALL BE USED CONFIRMING TO IS : 1786 (LATEST REVISION).
5. FOR R.C.C. WORK USE MIX M30 CONFIRMING TO IS 456 : 2000 OR AS SPECIFIED IN RESPECTIVE DWG.
6. PROVIDE 100 MM LEAN CONC OF MIX 1:4:8 (1 CEMENT:4 COARSE SAND: 8 GRADED STONE AGGREGATE OF 40 MM NOMINAL SIZE) BELOW ALL RCC FOUNDATION/STITCH SLAB.
7. FOR LOCATION OF LIFT PIT, SUMP AND DRAINS, REFER RELEVANT ARCHITECTURAL/SERVICES DRAWINGS.
8. LOCATION OF RETAINING WALL SHALL BE CONFIRMED WITH THE RELEVANT ARCHITECTURAL DRAWINGS.
9. THE CLEAR COVER TO THE REINFORCEMENT SHALL BE AS FOLLOWS:-
(a) FOUNDATION : 60 MM
(b) RETAINING WALL : 30 MM
10. THE SOIL BEARING CAPACITY CONSIDERED 25 T/M2 AT A DEPTH OF 3.6 M BELOW NGL.

COMBINED FOOTING SCHEDULE

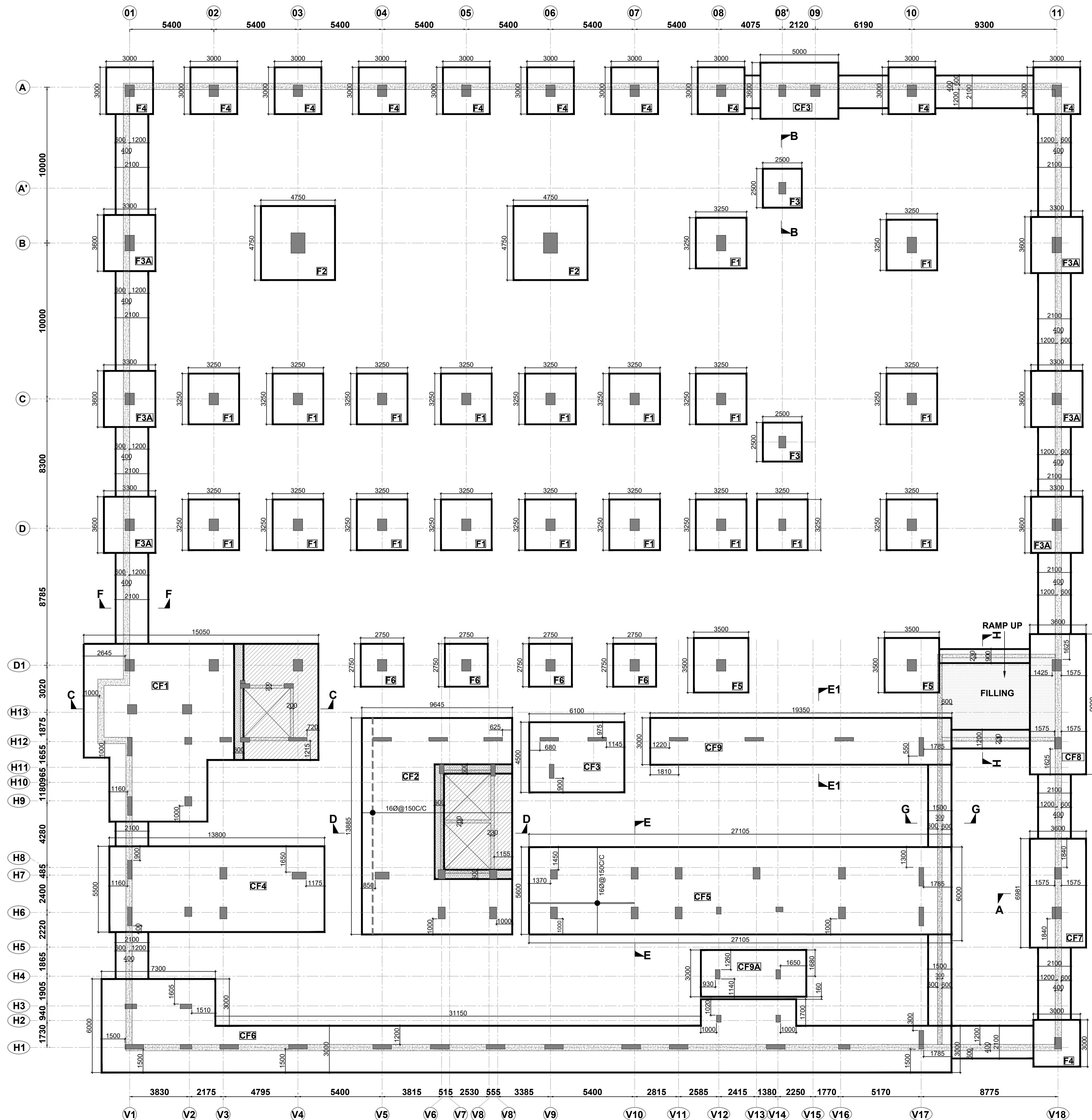
FOOTING MARKING	SIZE			REINFORCEMENT				REFER SEC.
	L	B	D	BOTTOM REINFORCEMENT		TOP REINFORCEMENT		
				LENGTH(R3)	WIDTH(R4)	LENGTH(R5)	WIDTH(R6)	
CF1	AS PER PLAN	800	200@100c/c	200@100c/c	160@150c/c	160@150c/c	C-C	
CF2	AS PER PLAN	800	200@100c/c	200@100c/c	160@150c/c+ EXTRA	160@150c/c	D-D	
CF3	AS PER PLAN	600	160@125c/c	160@125c/c	120@200c/c	120@200c/c	E-E	
CF4	AS PER PLAN	1000	160@100c/c	160@100c/c	160@150c/c	160@150c/c	E-E	
CF5	AS PER PLAN	800	160@125c/c+EXTRA	160@150c/c	120@200c/c	120@200c/c	E-E	
CF6	AS PER PLAN	750	120@100c/c	120@100c/c	120@200c/c	120@200c/c	A-A	
CF7	AS PER PLAN	750	120@100c/c	120@100c/c	120@150c/c	120@200c/c	A-A	
CF8	AS PER PLAN	750	120@100c/c	120@100c/c	120@150c/c	120@200c/c	A-A	
CF9	AS PER PLAN	600	160@125c/c	160@125c/c	120@125c/c	120@200c/c	E1-E1	
CF9A	AS PER PLAN	600	160@150c/c	160@150c/c	120@150c/c	120@200c/c	E-E	

ISOLATED FOOTING SCHEDULE

FOOTING MARKING	SIZE			REINFORCEMENT		REFER SEC.
	L	B	D	BOTTOM REINFORCEMENT		
				LENGTH(R1)	WIDTH(R2)	
F1	3250	3250	800	160@150c/c	160@150c/c	B-B
F2	4750	4750	1100	160@100c/c	160@100c/c	B-B
F3	2500	2500	600	120@150c/c	120@150c/c	B-B
F3A	3600	3300	750	160@150c/c	160@150c/c	B-B
F4	3000	3000	600	120@125c/c	120@125c/c	B-B
F5	3500	3500	800	120@100c/c	120@100c/c	B-B
F6	2750	2750	750	120@125c/c	120@125c/c	B-B

LEGEND OF BAR

----- INDICATES TOP BARS
 _____ INDICATES BOTTOM BARS



FOUNDATION PLAN

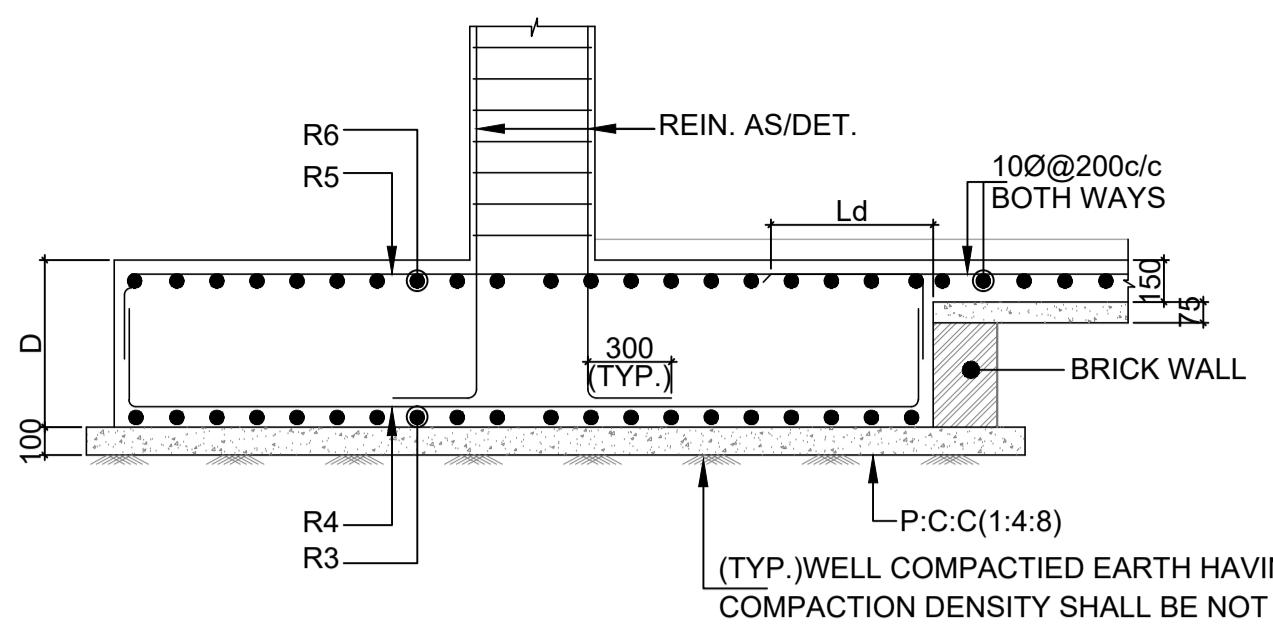
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PROJECT:				
GUJARAT BIOTECHNOLOGY UNIVERSITY				
C-85, SHIVALIK NEW DELHI-110017 TEL.(011)2676254, 41034450 MAIL:mail@sgadesignlab.com			SANDEEP GOEL	CHIEF ARCHITECT
			BUILDING TYPE:	CLIENT :
			ANIMAL HOUSE	
			DRAWING TITLE:	
			FOUNDATION PLAN AND DETAILS	
			DRAWING NUMBER:	
			202210-GBU-AH-S2-AP-ST-002	
SCALE: NTS	SHEET SIZE : A1	SHEET NO :1 OF 2		

STRUCTURE CONSULTANT

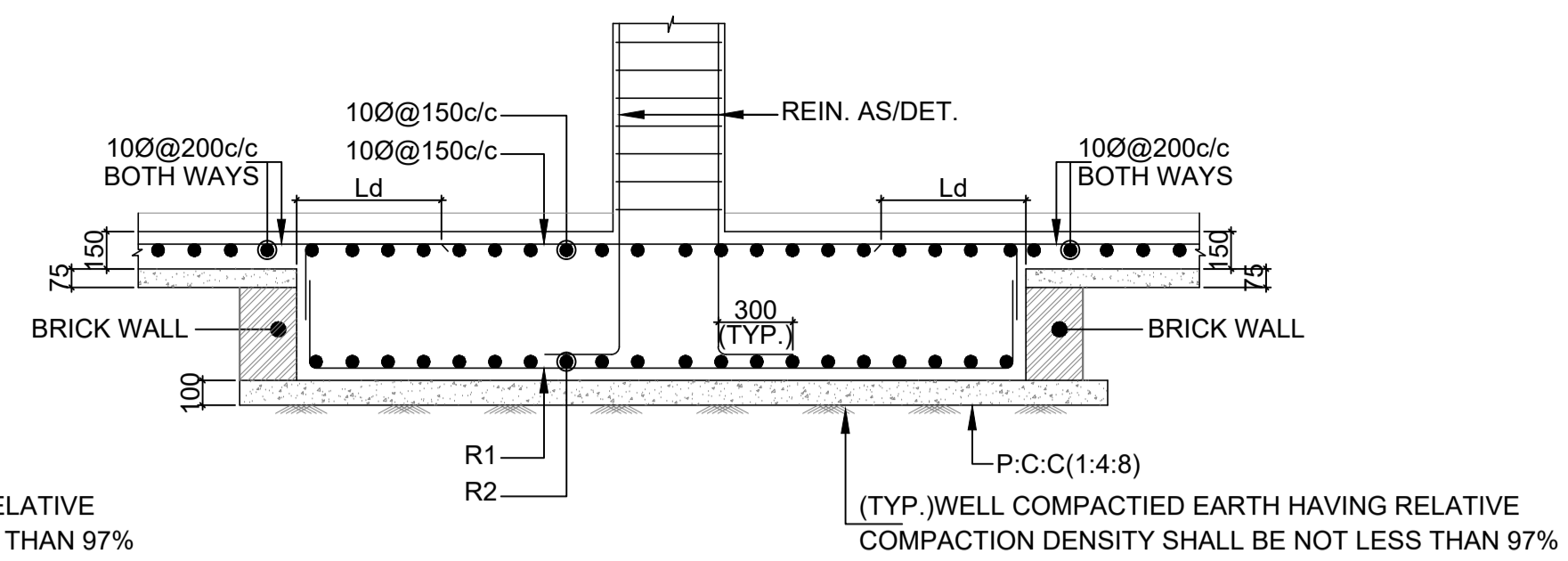
MAC CONSULTING ENGINEERS
 OFFICE NO.1, FIRST FLOOR, SHARMA COMPLEX
 ABOVE PNB BANK, SECTOR 51 NOIDA
 PIN NO. 201301
 PH.8826021424
 EMAIL-macconsultingengineers@gmail.com

GENERAL NOTES:-

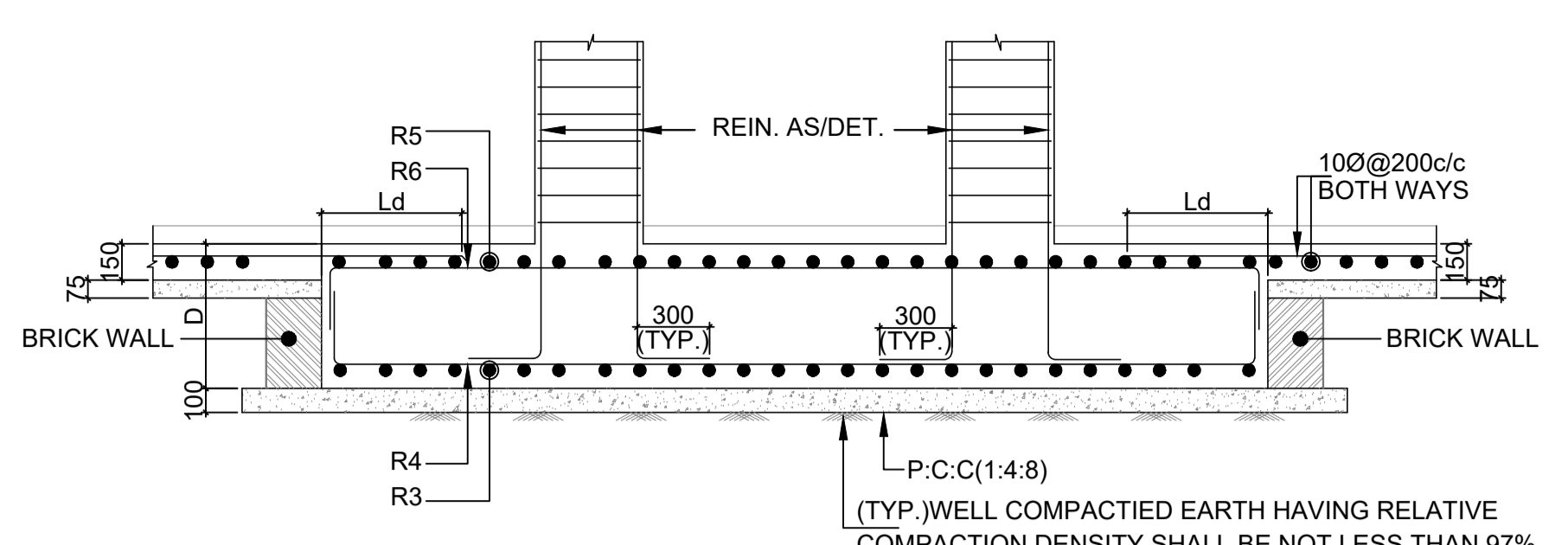
1. ALL DIMENSIONS ARE IN MM.
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4. FOR REINFORCEMENT Fe 500(TMT) SHALL BE USED CONFIRMING TO IS : 1786 (LATEST REVISION).
5. FOR R.C.C. WORK USE MIX M30 CONFIRMING TO IS 456 : 2000 OR AS SPECIFIED IN RESPECTIVE DWG.
6. PROVIDE 100 MM LEAN CONC OF MIX 1:4:8 (1 CEMENT:4 COARSE SAND: 8 GRADED STONE AGGREGATE OF 40 MM NOMINAL SIZE) BELOW ALL RCC FOUNDATION/STITCH SLAB.
7. FOR LOCATION OF LIFT PIT, SUMP AND DRAINS, REFER RELEVANT ARCHITECTURAL/SERVICES DRAWINGS.
8. LOCATION OF RETAINING WALL SHALL BE CONFIRMED WITH THE RELEVANT ARCHITECTURAL DRAWINGS.
9. THE CLEAR COVER TO THE REINFORCEMENT SHALL BE AS FOLLOWS:-
 (a) FOUNDATION : 60 MM
 (b) RETAINING WALL : 30 MM



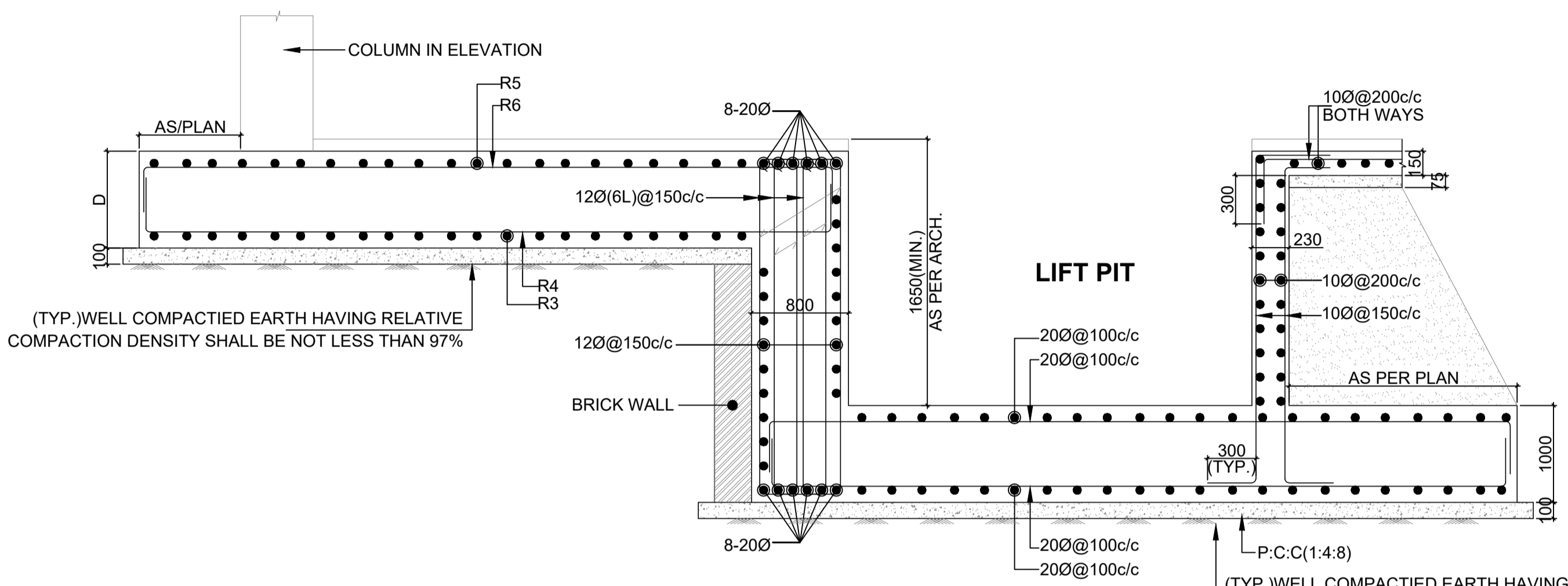
TYPICAL SECTION A-A



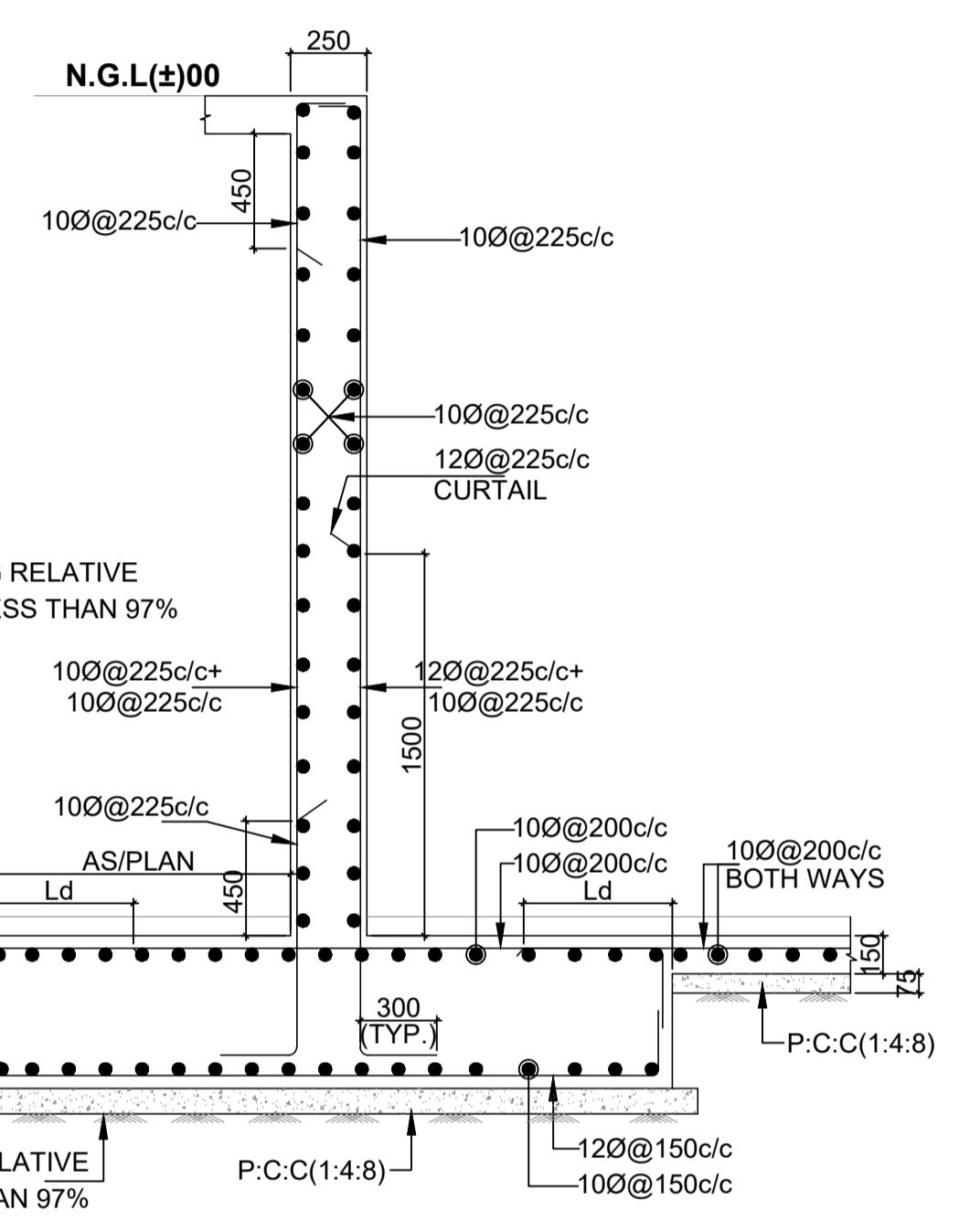
TYPICAL SECTION B-B



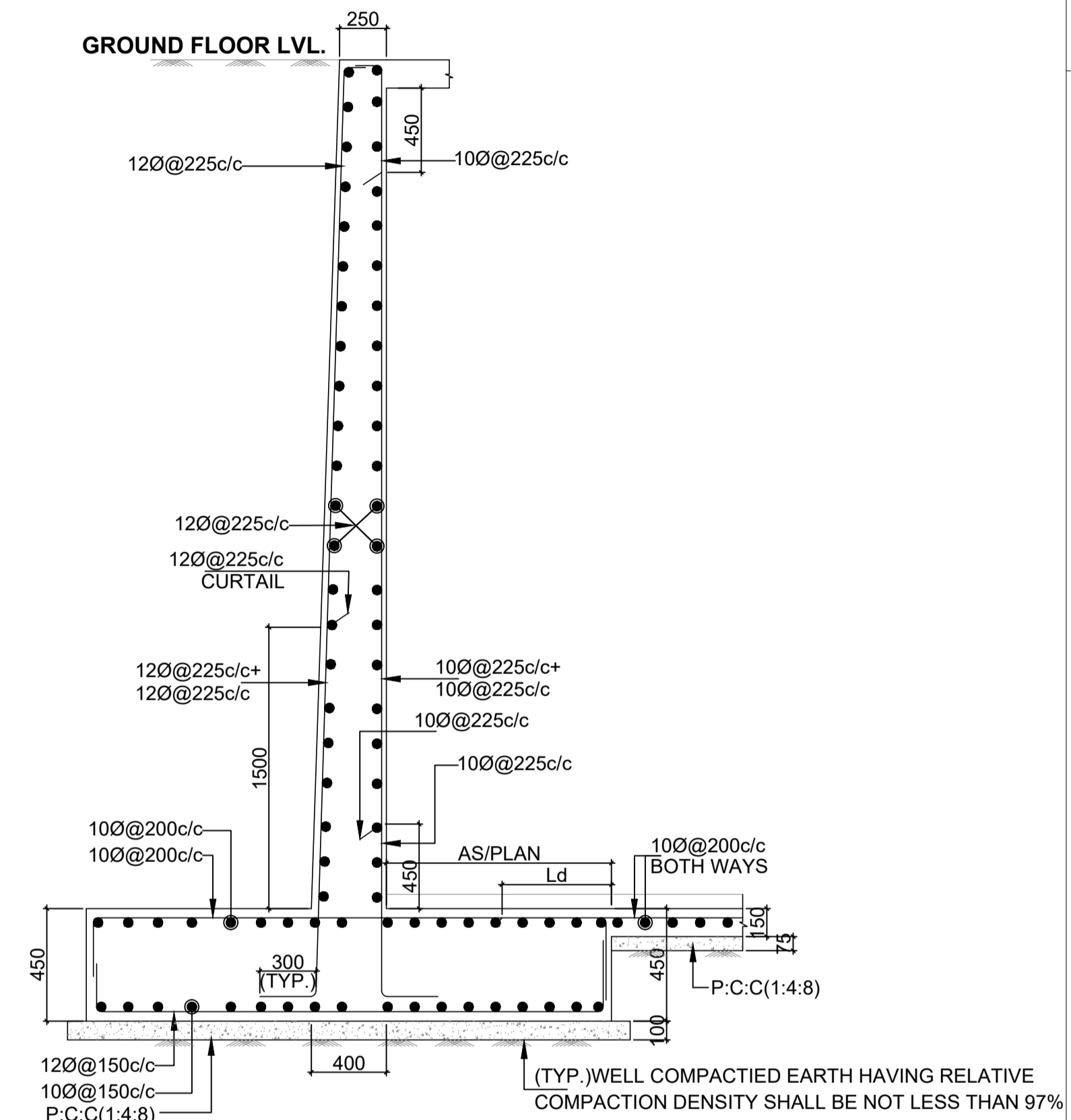
TYPICAL SECTION E-E FOR CF5/CF3



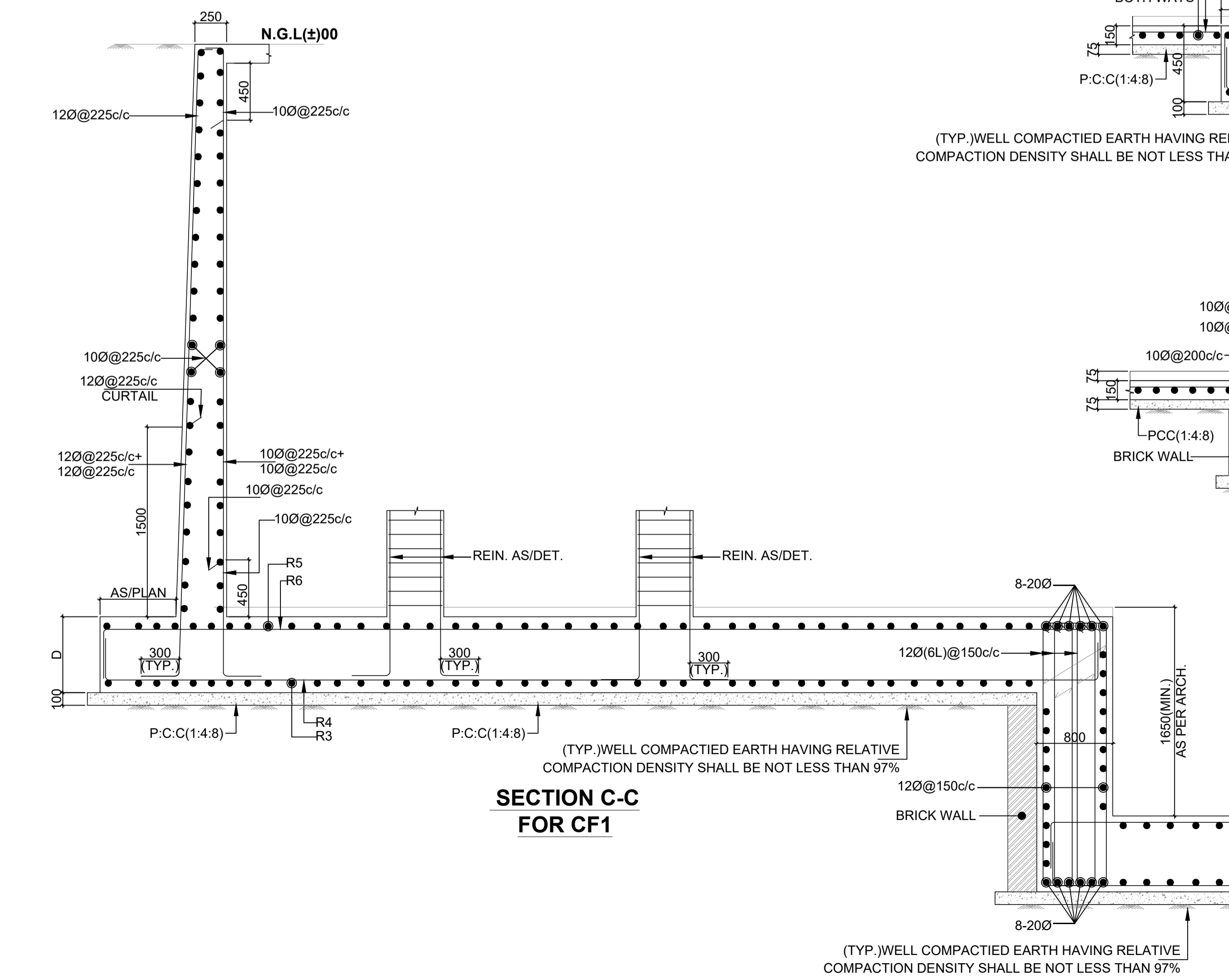
SECTION D-D FOR CF2



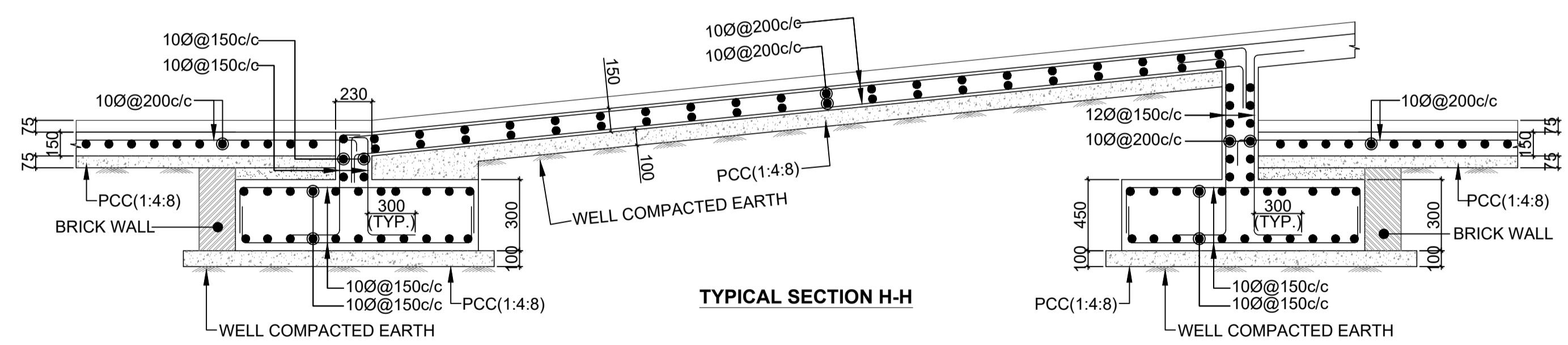
TYPICAL SECTION G-G



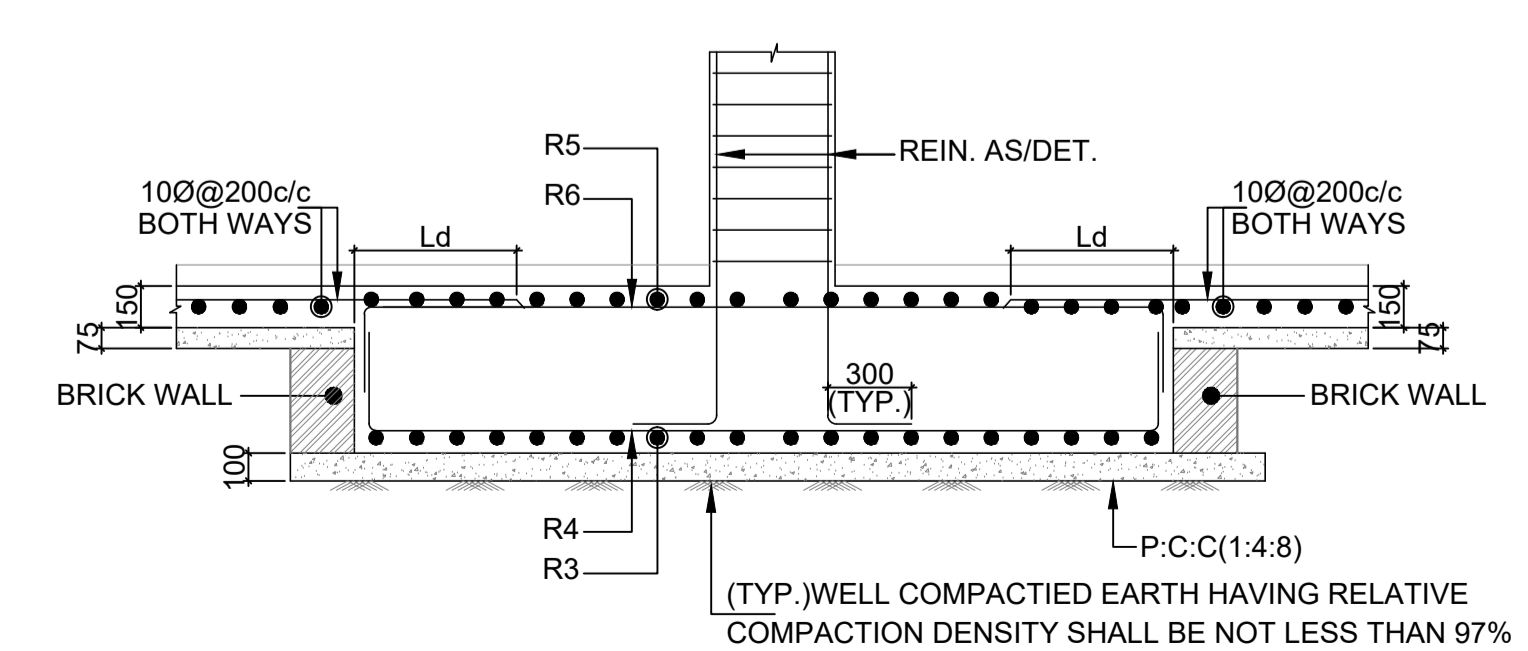
TYPICAL SECTION F-F



SECTION C-C FOR CF1



TYPICAL SECTION H-H



TYPICAL SECTION E1-E1

24.04.2024	RO	FOR APPROVAL ONLY			
DATE	REV.	REV.BY.	DESCRIPTION	DATE	NOS ISSUED TO

ARCHITECT
 SURESH GOEL AND ASSOCIATES
 ARCHITECTS . ENGINEERS . PLANNERS

DWG ISSUED ON	16/03/23	AT- NEW DELHI	PROJECT CODE
SIG	SIG	SIG	202210

Name :	Name :	Name :	BUILDING CODE
ORIGINATED BY ARCHITECT	CHECKED BY ARCHITECT	VALIDATED BY ARCHITECT	H2

PROJECT:
 GUJARAT BIOTECHNOLOGY UNIVERSITY

C-85, SHIVALIK NEW DELHI-110017 TEL.(011)26676254,41034450 MAIL.mail@sgadesignlab.com	SANDEEP GOEL CHIEF ARCHITECT CLIENT :
--	---

BUILDING TYPE:
 ANIMAL HOUSE

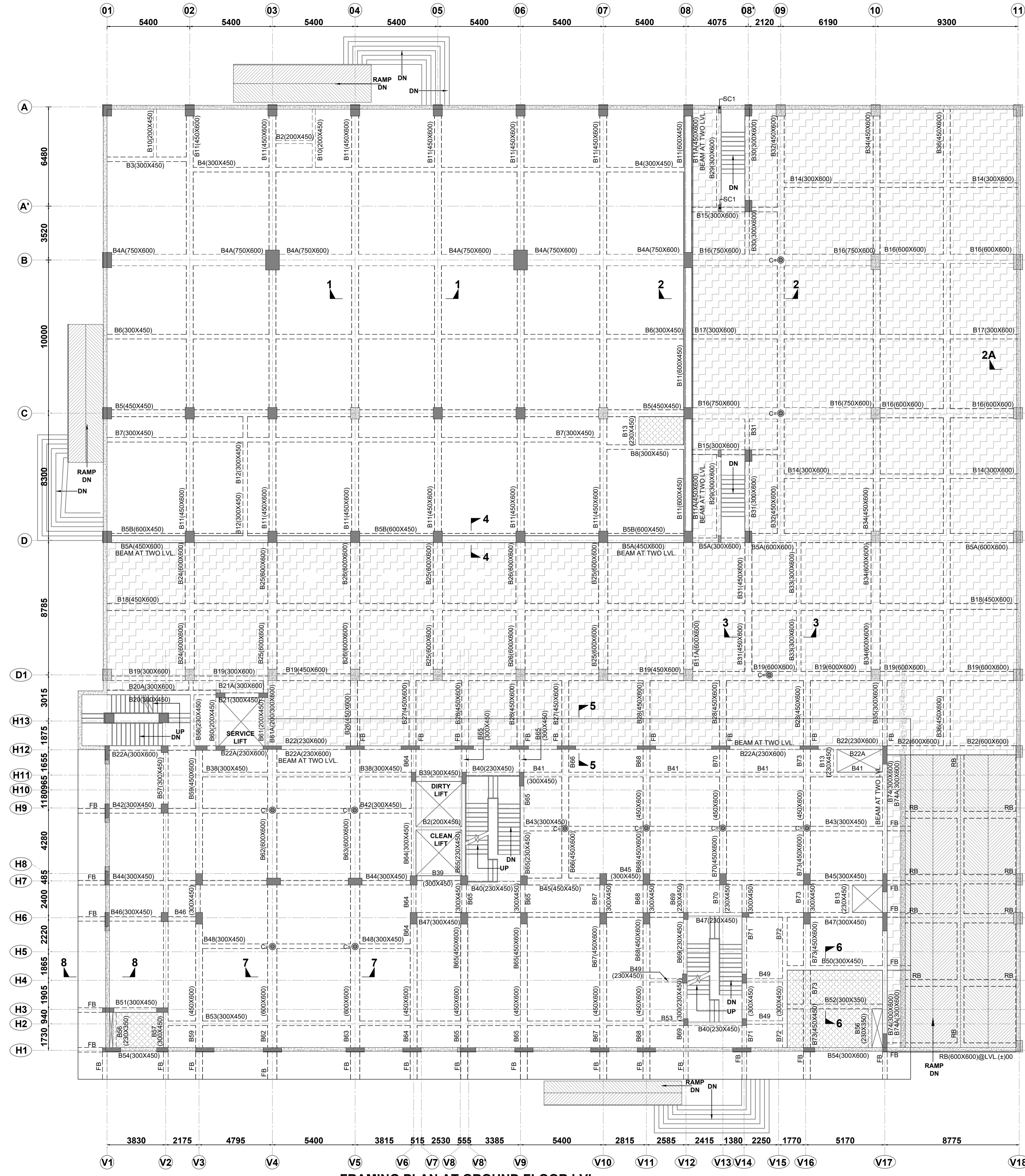
DRAWING TITLE:
 FOUNDATION SECTION DETAILS

DRAWING NUMBER:
 202210-GBU-AH-S2-AP-ST-002

SCALE: NTS SHEET SIZE : A1 SHEET NO : 2 OF 2

STRUCTURE CONSULTANT

MAC CONSULTING ENGINEERS
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 ABOVE PNB BANK, SECTOR 51 NOIDA
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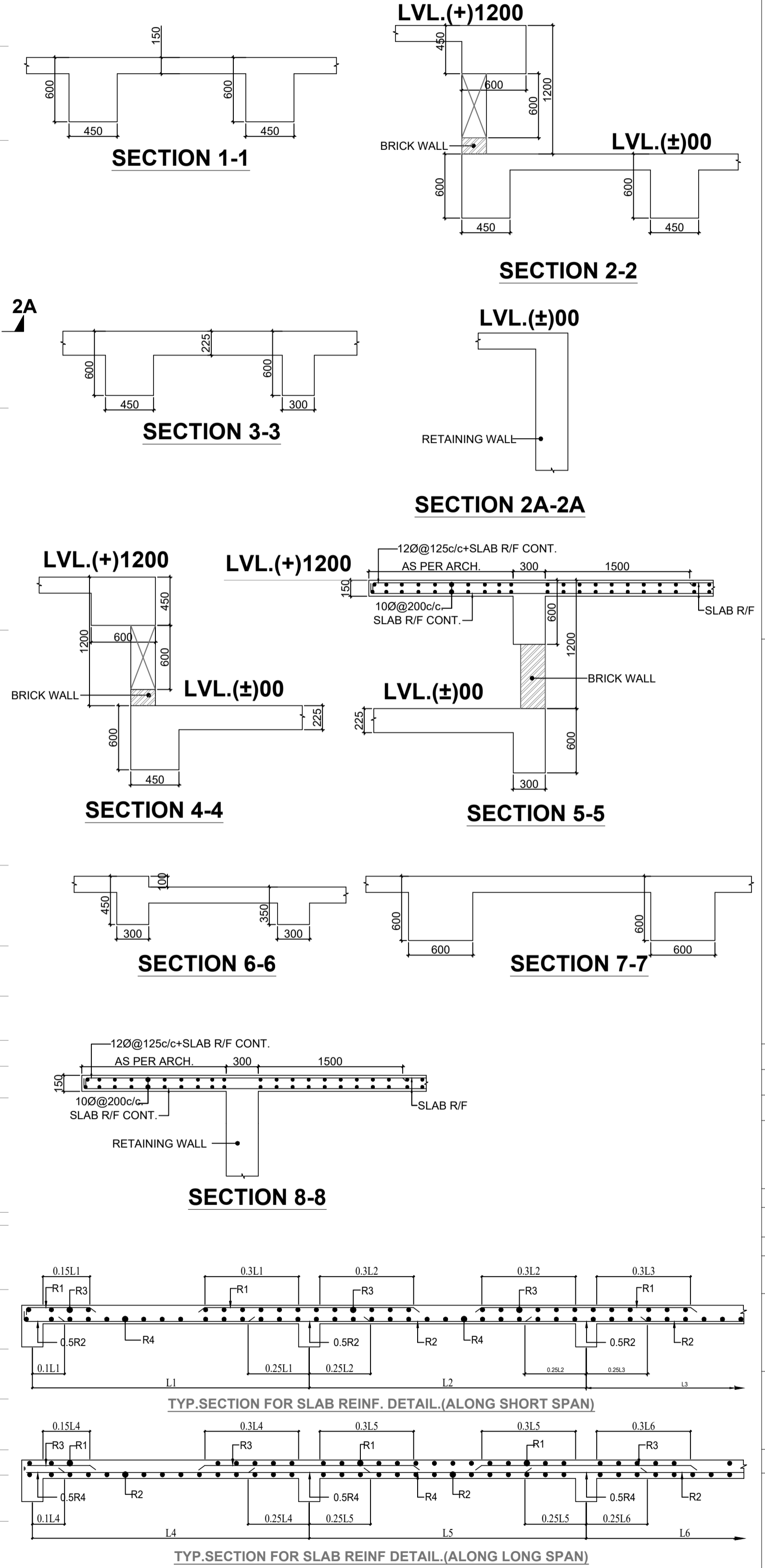


LEGEND OF HATCH

	LVL. (±)00
	LVL. (+)1200
	COLUMN AND WALL TERMINATED
	100mm TOILET SUNK

LEGEND OF CAMBER

	30 MM CAMBER
--	--------------



STUB COLUMN SCHEDULE

COL. MARK	GRADE	COLUMN SIZE	GROUND FLOOR LVL. TO MUMTY LVL.	TIES
SC1		MIX	M40	100@150c/c

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 - PROVIDE DIST. REINFORCEMENT WHEREVER REQUIRED AS GIVEN BELOW
 - TOP DIST. REINF. 8Ø@200c/c
 - BOTTOM DIST. REINF. 8Ø@200c/c
 - INDICATES TOP BARS
 - INDICATES BOTTOM BARS
 - INDICATES SLAB THICKNESS.
 - ALL SLAB THICKNESS SHALL BE --mm THK. (U.N.O.).
 - ALL BEAM SIZE SHALL BE --X-- (U.N.O.).
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(a) SLABS	: 25 MM
(b) BEAMS (top, bottom & SIDE)	: 30 MM

DATE	REV.	REV. BY.	DESCRIPTION	DATE	NOS	ISSUED TO
27.04.2024	R0		FOR APPROVAL ONLY			

ARCHITECT
SURESH GOEL AND ASSOCIATES
ARCHITECTS . ENGINEERS . PLANNERS

DWG ISSUED ON: 16/03/23 AT: NEW DELHI PROJECT CODE: 202210

ORIGINATED BY ARCHITECT	CHECKED BY ARCHITECT	VALIDATED BY ARCHITECT	BUILDING CODE
			H2

PROJECT:
GUJARAT BIOTECHNOLOGY UNIVERSITY

C-85, SHIVALIK NEW DELHI-110017 TEL:(011)2676254, 41034450 MAIL:mail@sgadesignlab.com	SANDEEP GOEL CHIEF ARCHITECT CLIENT :
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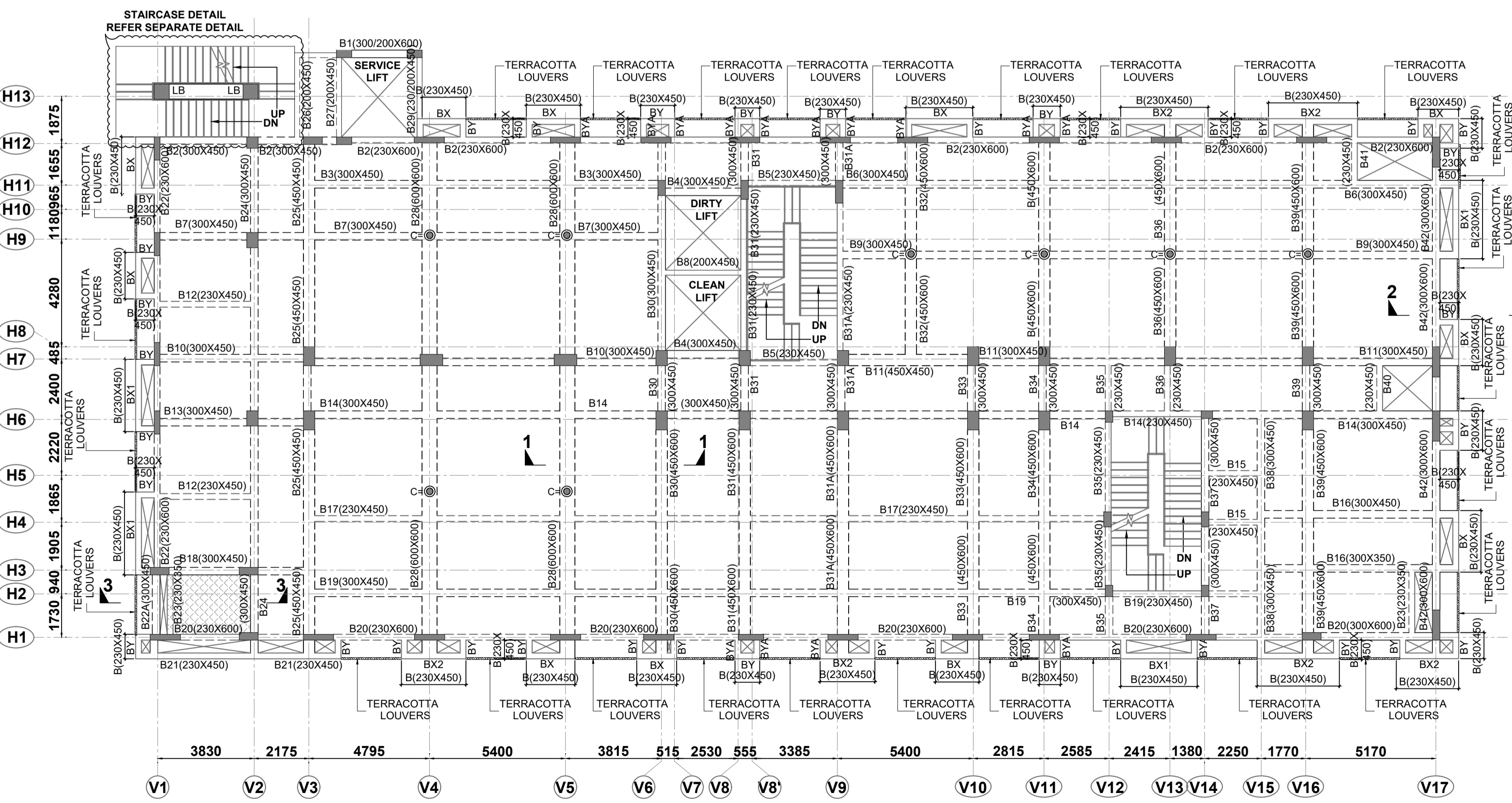
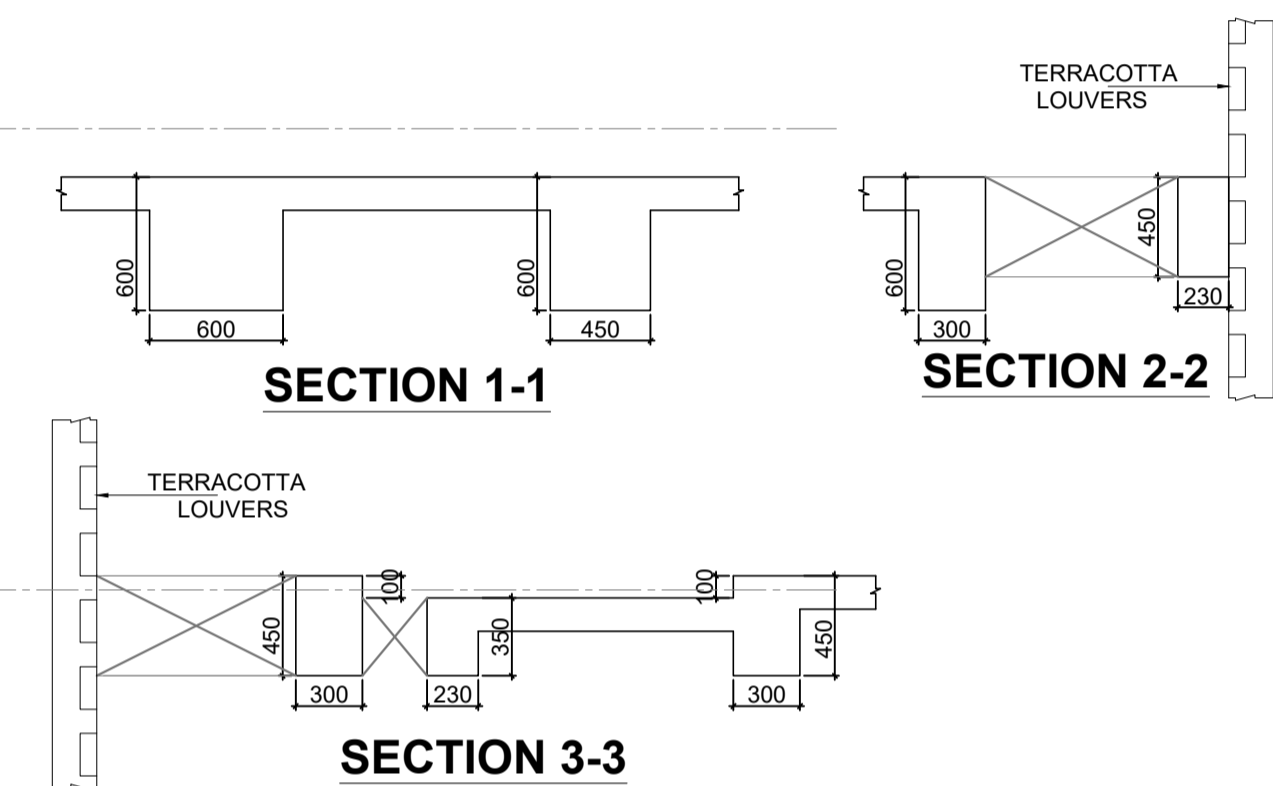
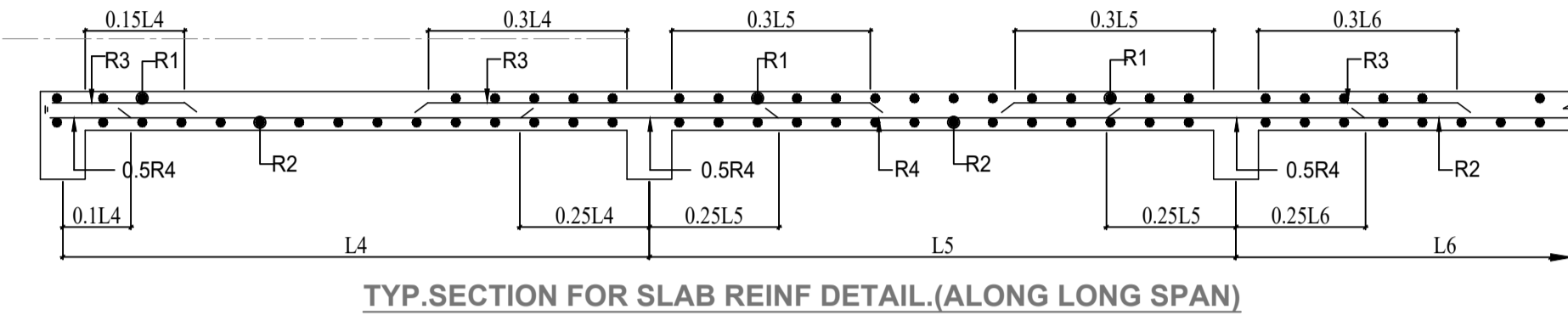
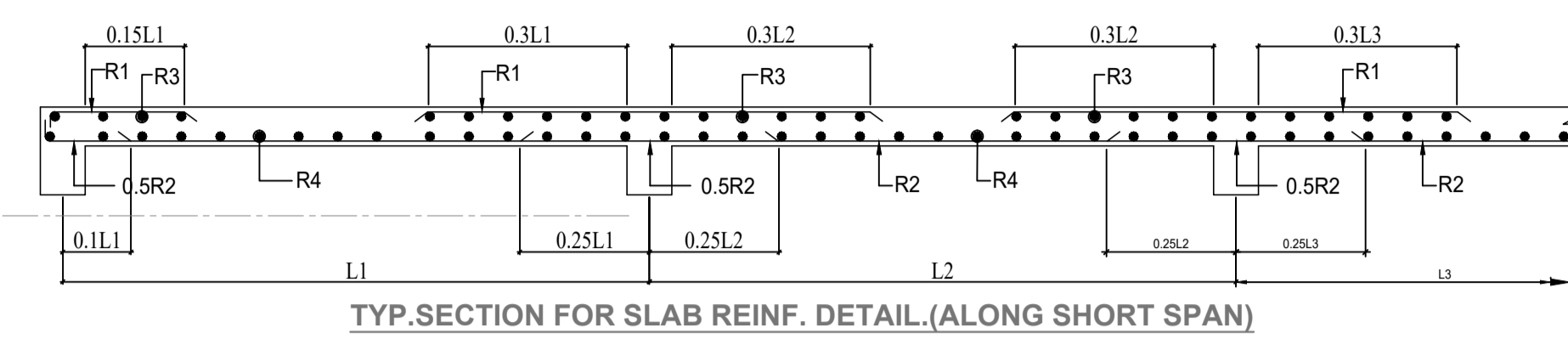
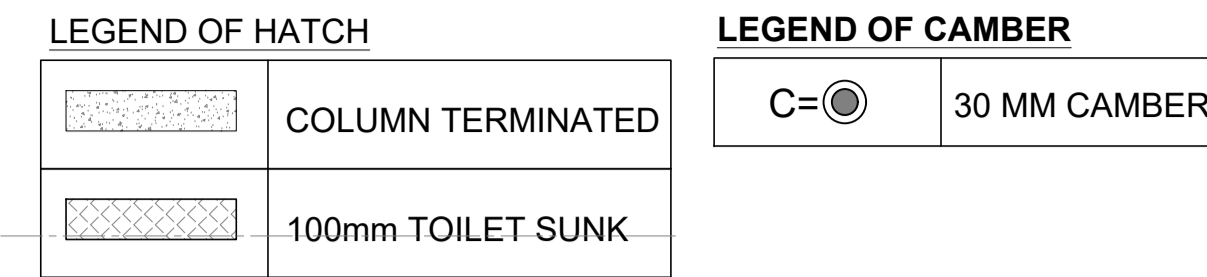
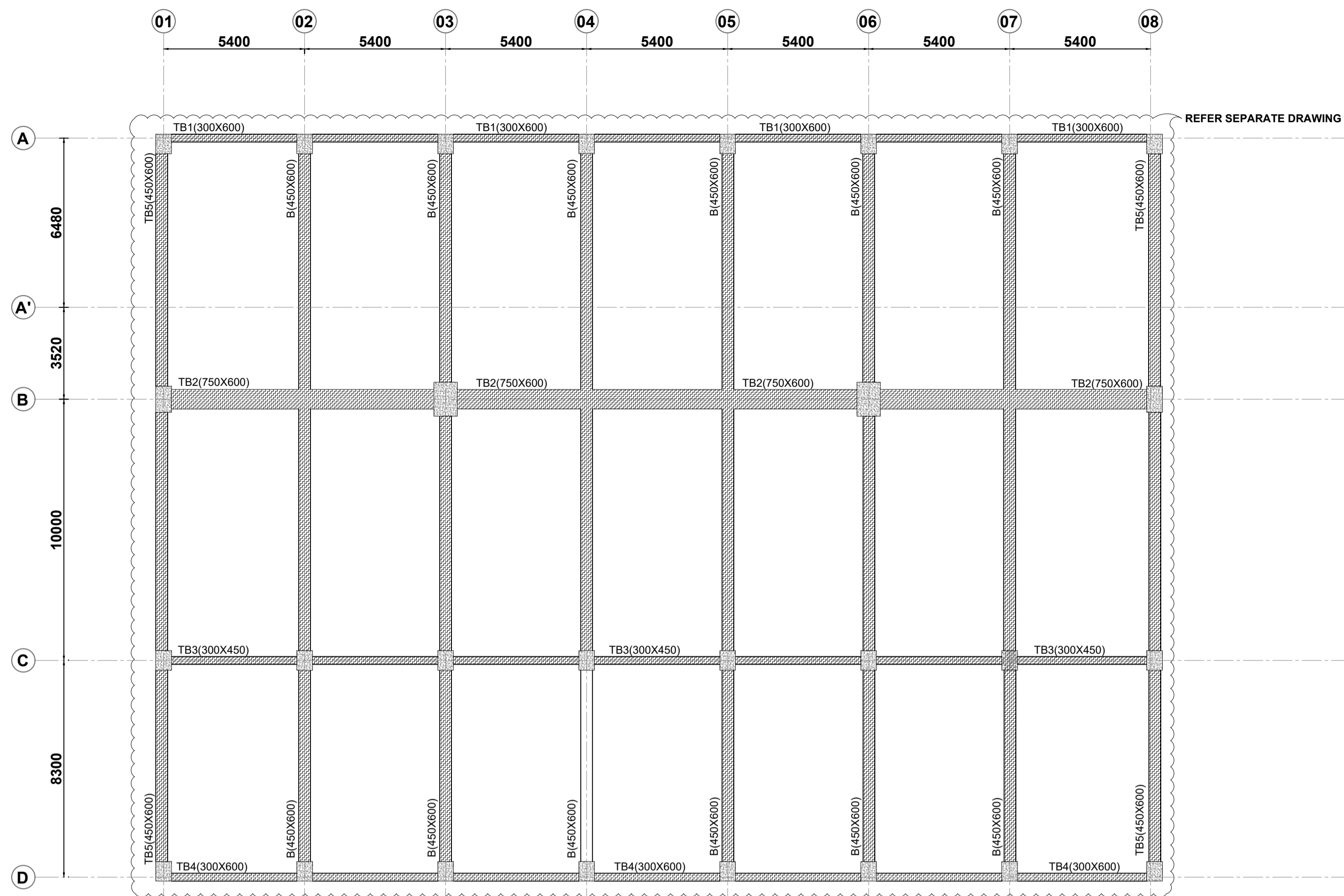
BUILDING TYPE:
ANIMAL HOUSE

DRAWING TITLE:
FRAMING PLAN AT GROUND FLOOR LVL.

DRAWING NUMBER:
202210-GBU-AH-S2-AP-ST-003

SCALE: NTS SHEET SIZE : A1 SHEET NO : 1 OF 2

STRUCTURE CONSULTANT
MAC CONSULTING ENGINEERS
OFFICE NO.1, FIRST FLOOR, SHARMA COMPLEX ABOVE PNB BANK, SECTOR 51 NOIDA
PIN NO. 201301
PH.8826021424
EMAIL-macconsultingengineers@gmail.com



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 - TOP DIST. REINF. 8Ø@200c/c
 - BOTTOM DIST. REINF. 8Ø@200c/c
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- INDICATES BOTTOM BARS
- INDICATES SLAB THICKNESS.
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(a) SLABS	: 25 MM
(b) BEAMS (top, bottom & SIDE)	: 30 MM

DATE	REV.	REV. BY.	DESCRIPTION	DATE	NOS	ISSUED TO
27.04.2024	R0		FOR APPROVAL ONLY			

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SURESH GOEL AND ASSOCIATES
 ARCHITECTS . ENGINEERS . PLANNERS

DWG ISSUED ON: 16/03/23 AT: NEW DELHI PROJECT CODE: 202210

SIG	SIG	SIG	BUILDING CODE
ORIGINATED BY ARCHITECT	CHECKED BY ARCHITECT	VALIDATED BY ARCHITECT	H2

PROJECT:
 GUJARAT BIOTECHNOLOGY UNIVERSITY

C-85, SHIVALIK NEW DELHI-110017 TEL.(011)26676254, 41034450 MAIL.mail@sgadesignlab.com	SANDEEP GOEL
	CHIEF ARCHITECT

	BUILDING TYPE: ANIMAL HOUSE
	DRAWING TITLE: FRAMING PLAN AT 1st FLOOR LVL.
	DRAWING NUMBER: 202210-GBU-AH-S2-AP-ST-004

SCALE: NTS SHEET SIZE : A1 SHEET NO : 1 OF 2

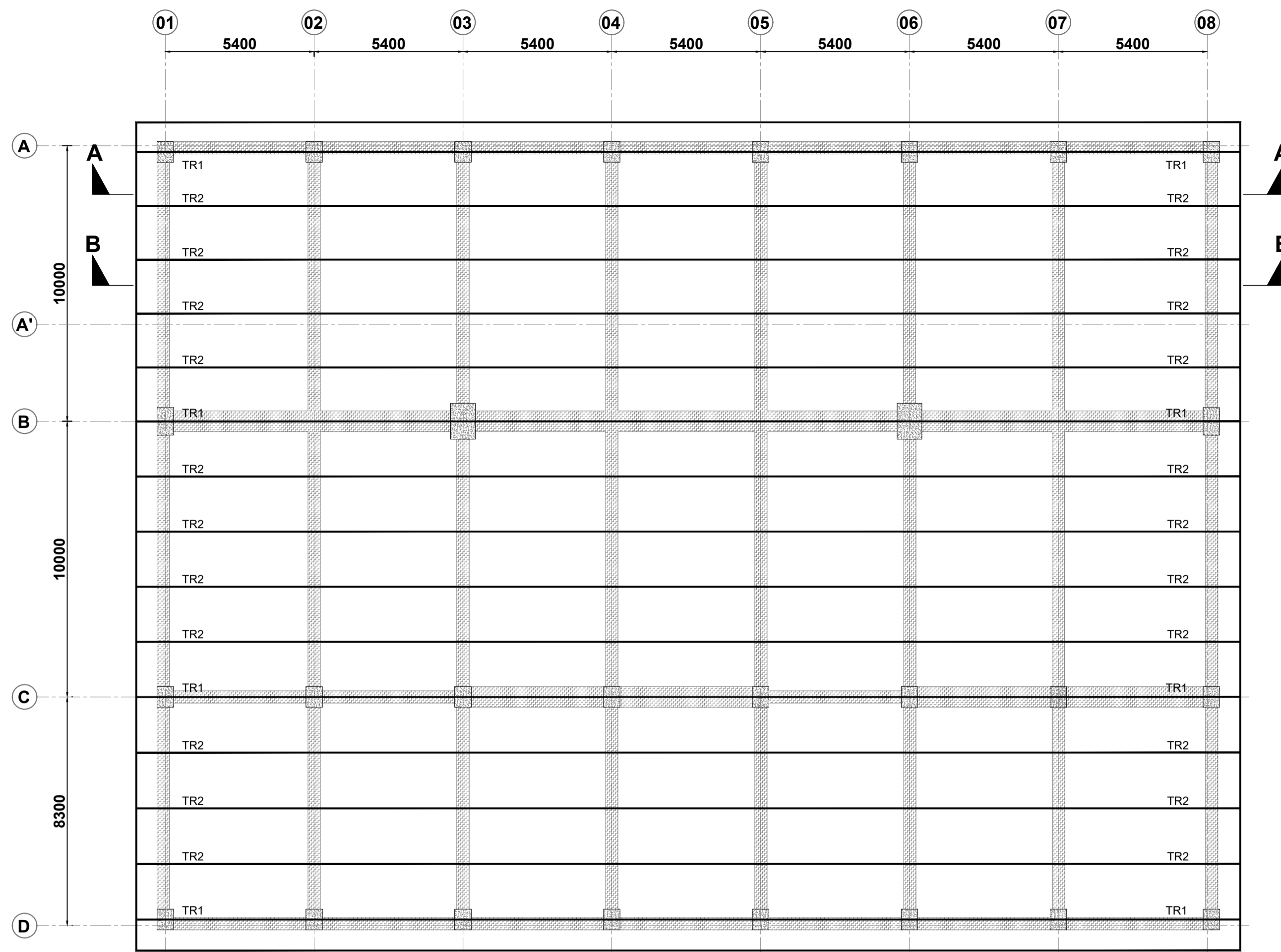
STRUCTURE CONSULTANT

MAC CONSULTING ENGINEERS
 OFFICE NO.1, FIRST FLOOR, SHARMA COMPLEX
 ABOVE PNB BANK, SECTOR 51 NOIDA
 PIN NO. 201301
 PH.8826021424
 EMAIL-macconsultingengineers@gmail.com

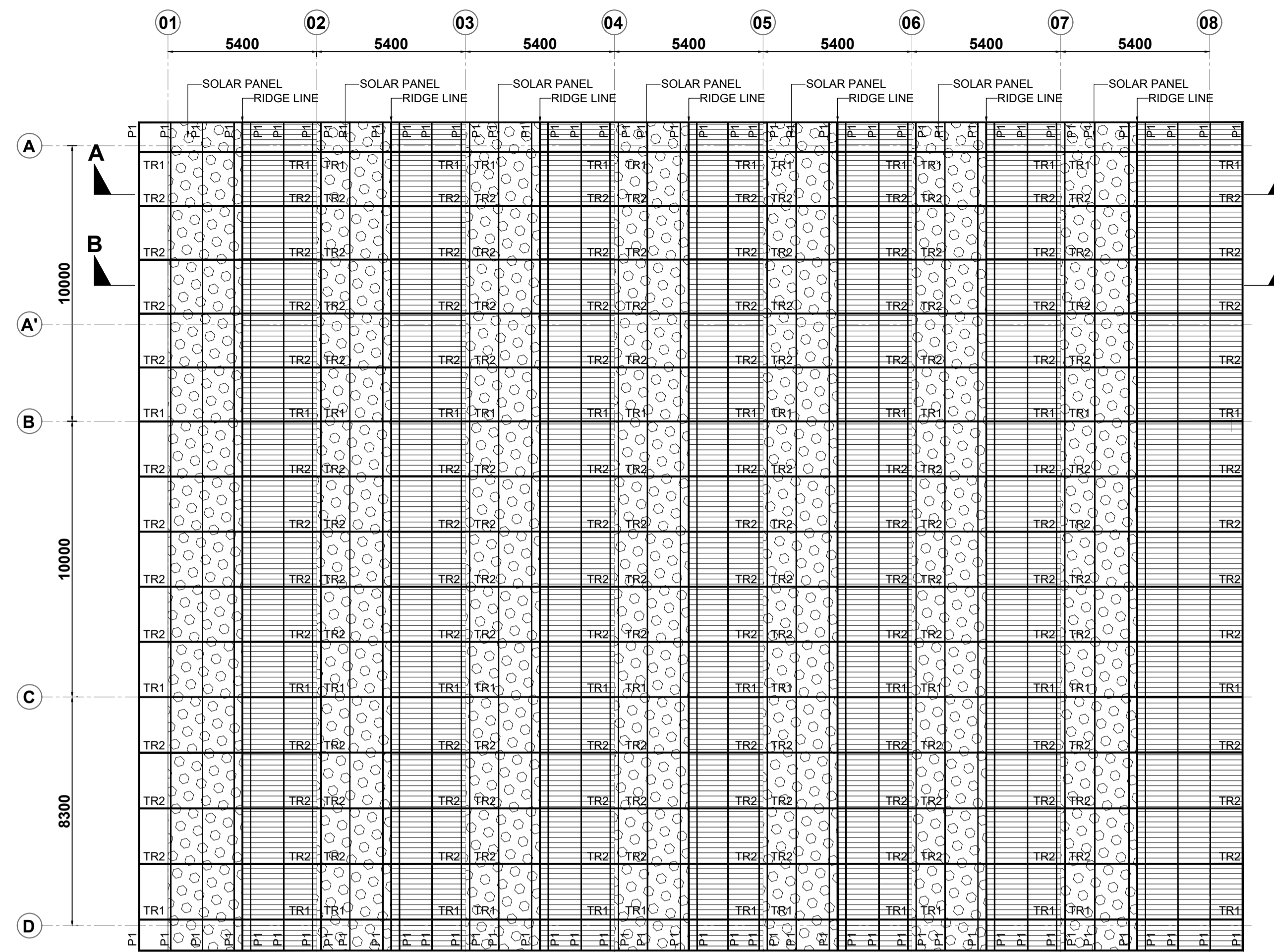
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 - b. BOTTOM DIST. REINF. 8Ø@200c/c
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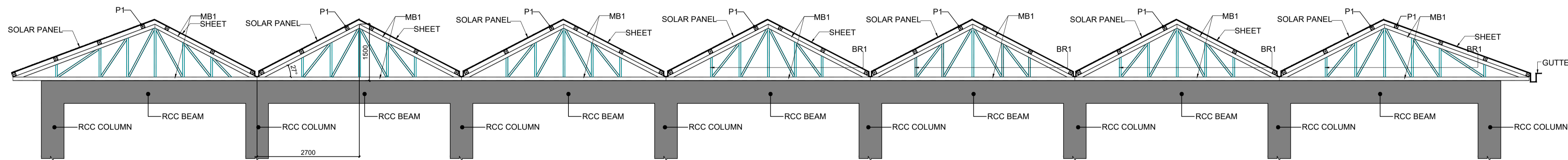
(a) SLABS	: 25 MM
(b) BEAMS (top, bottom & SIDE)	: 30 MM



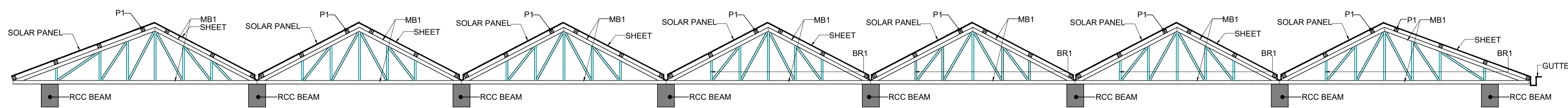
TRUSS PLAN AT BOTTOM LVL.



TRUSS PLAN AT TOP LVL.



TYPICAL SECTION A-A (FOR TR1)



TYPICAL SECTION B-B (FOR TR2)

STEEL MEMBER SCHEDULE

MB1	SHS 40X40X4.0MM
BR1	SHS 25X25X2.9MM
P1	RHS 96X48X4.8MM

27.04.2024	R0	FOR APPROVAL ONLY			
DATE	REV.	REV. BY.	DESCRIPTION	DATE	NOS ISSUED TO

ARCHITECT
SURESH GOEL AND ASSOCIATES
 ARCHITECTS . ENGINEERS . PLANNERS

DWG ISSUED ON	16/03/23	AT- NEW DELHI	PROJECT CODE
SIG	SIG	SIG	202210
Name :	Name :	Name :	BUILDING CODE
ORIGINATED BY ARCHITECT	CHECKED BY ARCHITECT	VALIDATED BY ARCHITECT	H2

PROJECT:
 GUJARAT BIOTECHNOLOGY UNIVERSITY

C-85, SHIVALIK NEW DELHI-110017 TEL:(011)26676254, 41034450 MAIL:mail@sgadesignlab.com	SANDEEP GOEL CHIEF ARCHITECT
--	---------------------------------

	BUILDING TYPE: ANIMAL HOUSE	
	DRAWING TITLE: FRAMING PLAN AT 1st FLOOR LVL.	
	DRAWING NUMBER: 202210-GBU-AH-S2-AP-ST-004	
SCALE: NTS	SHEET SIZE : A1	SHEET NO :1 OF 2

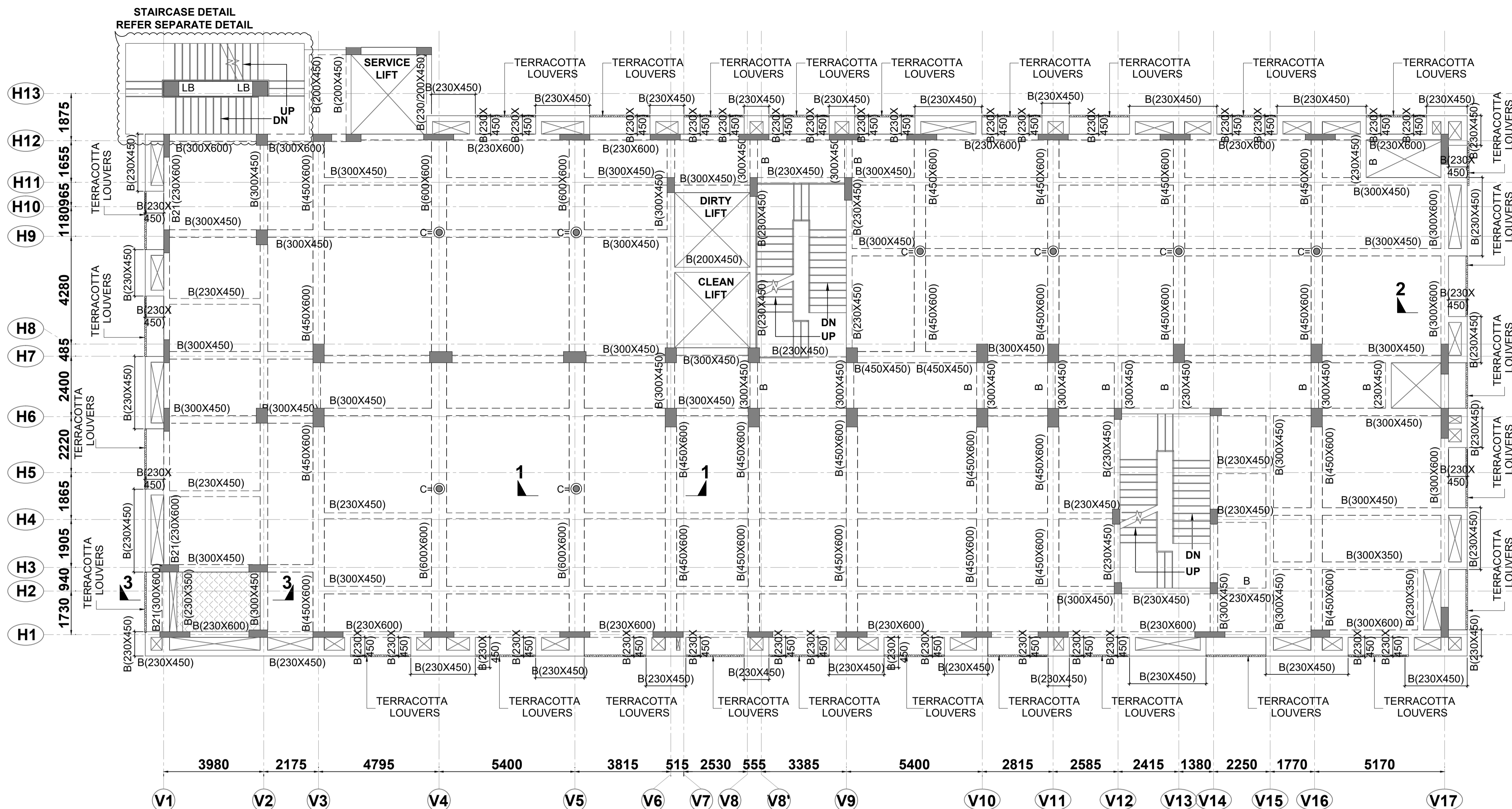
STRUCTURE CONSULTANT

MAC CONSULTING ENGINEERS
 OFFICE NO.1, FIRST FLOOR, SHARMA COMPLEX
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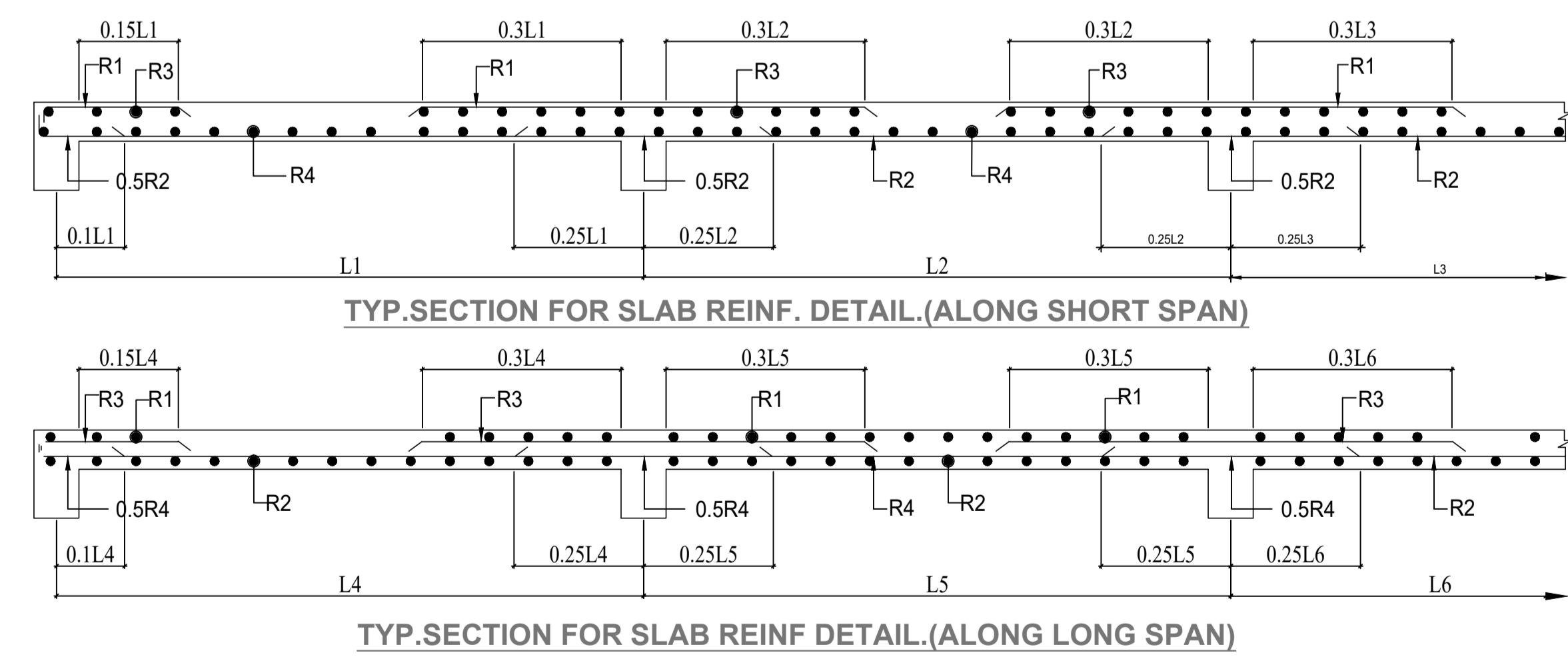
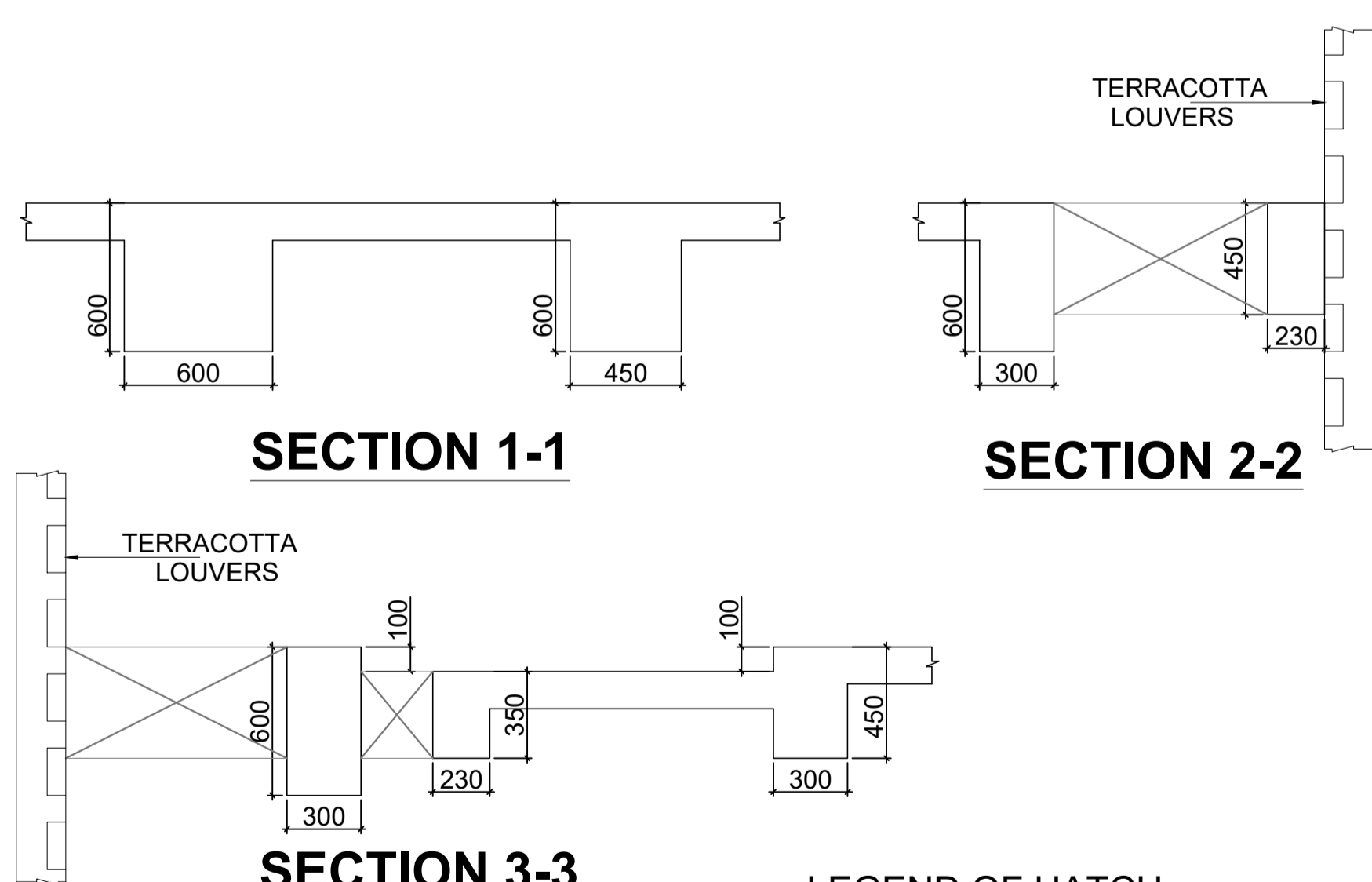
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(b) BEAMS (top, bottom & SIDE)	: 30 MM



FRAMING PLAN AT 2nd FLOOR LVL.



27.04.2024	RO	FOR APPROVAL ONLY			
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ARCHITECT			
SURESH GOEL AND ASSOCIATES			
ARCHITECTS . ENGINEERS . PLANNERS			
DWG ISSUED ON	16/03/23	AT - NEW DELHI	PROJECT CODE
SIG	SIG	SIG	202210
Name :	Name :	Name :	BUILDING CODE
ORIGINATED BY	CHECKED BY	VALIDATED BY	H2
ARCHITECT	ARCHITECT	ARCHITECT	

PROJECT:
GUJARAT BIOTECHNOLOGY UNIVERSITY

	C-85, SHIVALIK NEW DELHI-110017 TEL:(011)26676254, 41034450 MAIL:mail@sgadesignlab.com	SANDEEP GOEL CHIEF ARCHITECT
		CLIENT :

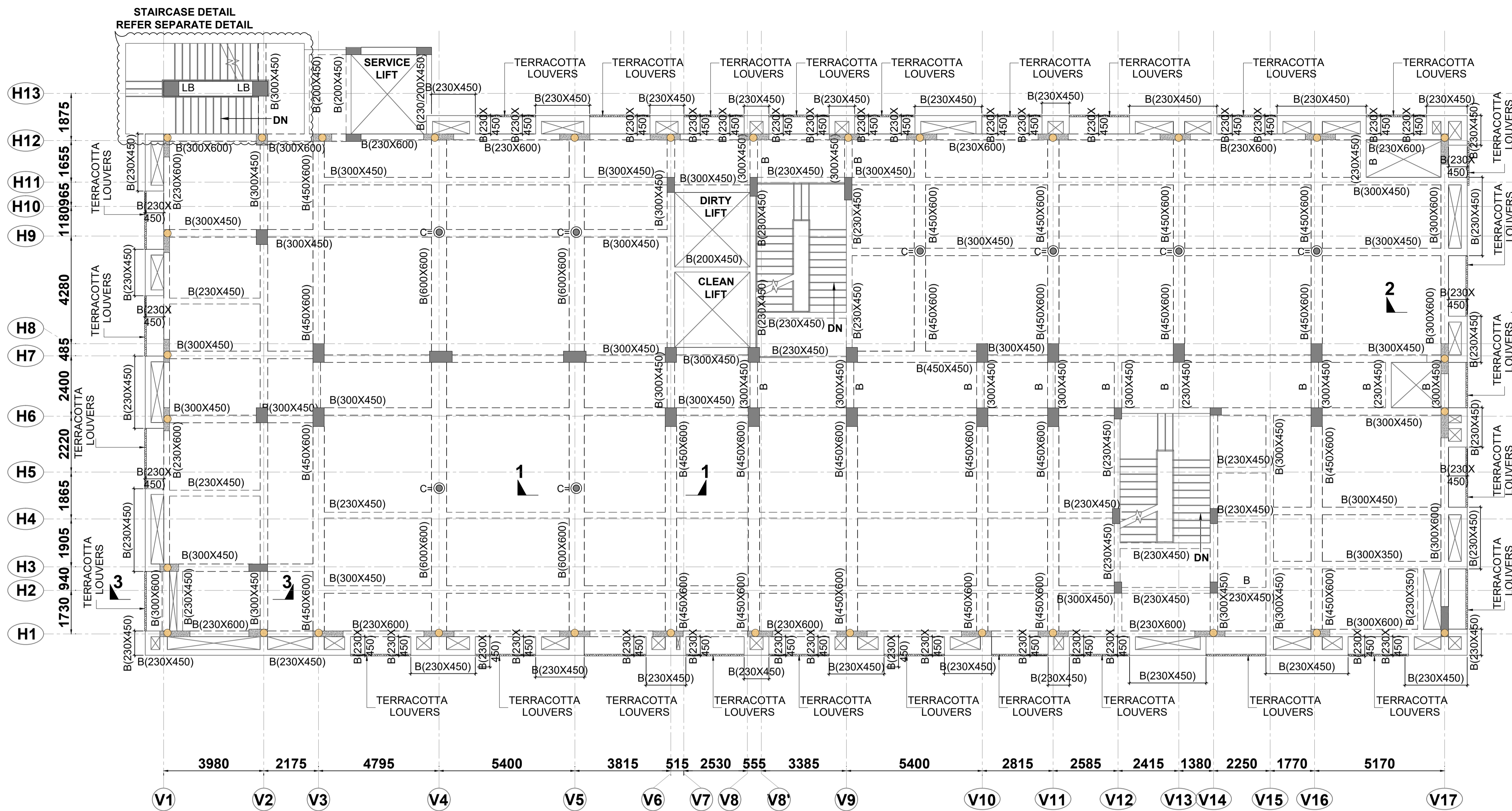
	BUILDING TYPE: ANIMAL HOUSE	
	DRAWING TITLE: FRAMING PLAN AT 2nd FLOOR LVL.	
	DRAWING NUMBER: 202210-GBU-AH-S2-AP-ST-005	
SCALE: NTS	SHEET SIZE : A1	SHEET NO : 1 OF 2

STRUCTURE CONSULTANT
MAC CONSULTING ENGINEERS
 OFFICE NO.1, FIRST FLOOR, SHARMA COMPLEX
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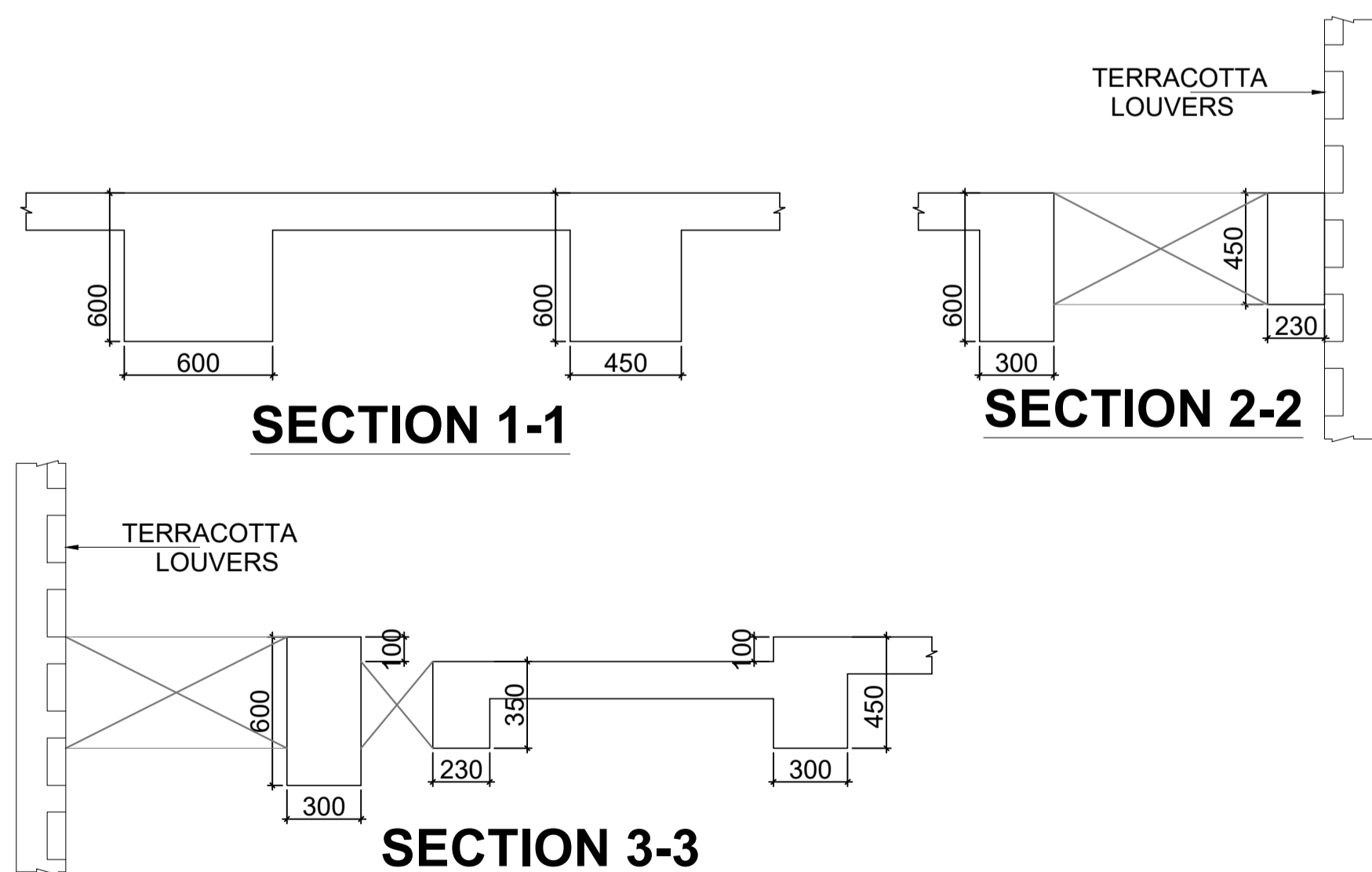
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18. THE CLEAR COVER TO THE REINFORCEMENT SHALL BE AS FOLLOWS:-

(a) SLABS	: 25 MM
(b) BEAMS (top, bottom & SIDE)	: 30 MM



FRAMING PLAN AT TERRACE LVL.

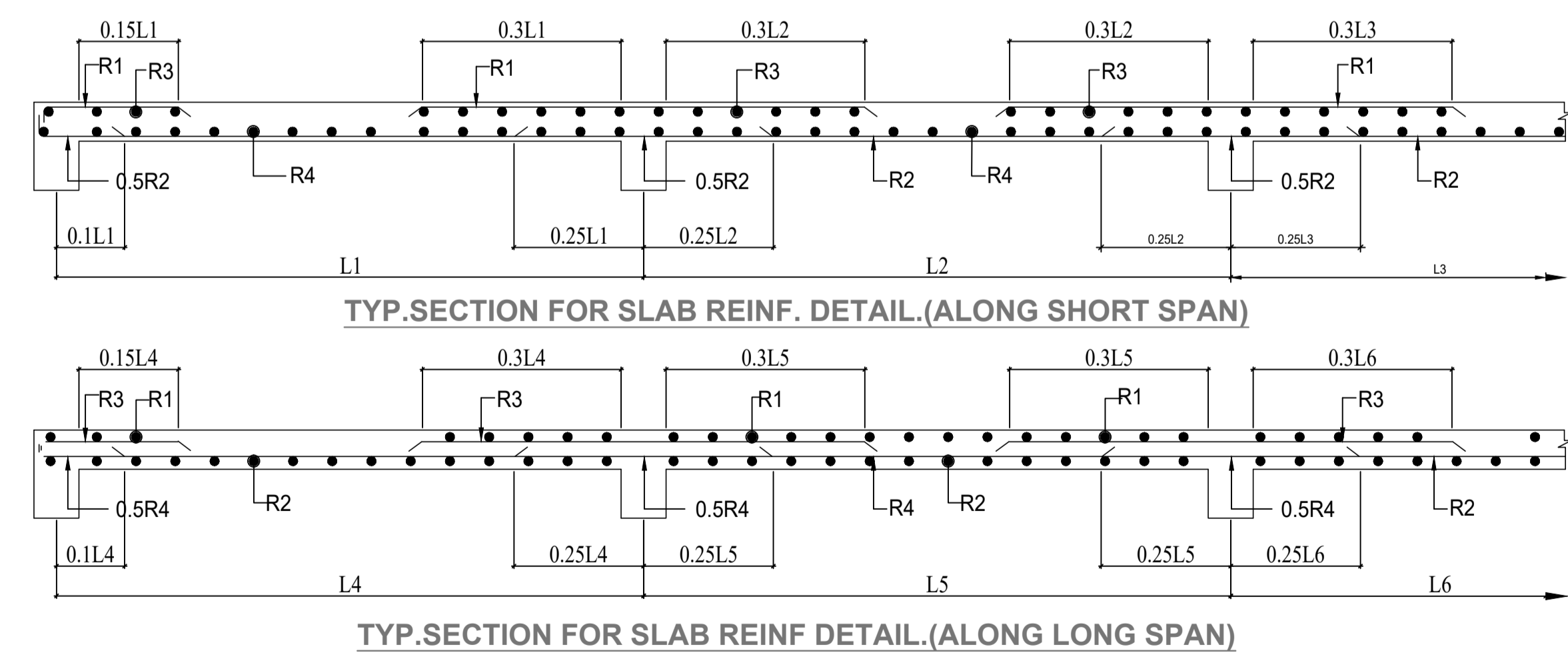
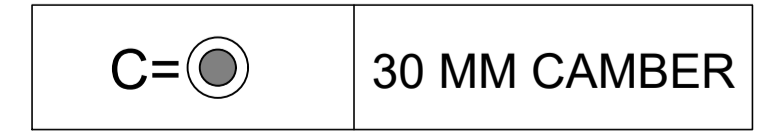


SECTION 1-1

SECTION 2-2

SECTION 3-3

LEGEND OF CAMBER



TYP. SECTION FOR SLAB REINF. DETAIL. (ALONG SHORT SPAN)

TYP. SECTION FOR SLAB REINF DETAIL. (ALONG LONG SPAN)

27.04.2024	RO	FOR APPROVAL ONLY			
DATE	REV.	REV. BY.	DESCRIPTION	DATE	NOS ISSUED TO

ARCHITECT					
SURESH GOEL AND ASSOCIATES					
ARCHITECTS . ENGINEERS . PLANNERS					
DWG ISSUED ON	16/03/23	AT.	NEW DELHI	PROJECT CODE	
SIG	SIG	SIG			202210
Name :	Name :	Name :		BUILDING CODE	
ORIGINATED BY	CHECKED BY	VALIDATED BY			H2
ARCHITECT	ARCHITECT	ARCHITECT			

PROJECT:
GUJARAT BIOTECHNOLOGY UNIVERSITY

	C-85, SHIVALIK NEW DELHI-110017 TEL:(011)26676254, 41034450 MAIL:mail@sgadesignlab.com	SANDEEP GOEL CHIEF ARCHITECT
		CLIENT :

	BUILDING TYPE: ANIMAL HOUSE	
	DRAWING TITLE: FRAMING PLAN AT TERRACE LVL.	
	DRAWING NUMBER: 202210-GBU-AH-S2-AP-ST-006	
SCALE: NTS	SHEET SIZE : A1	SHEET NO : 1 OF 2

STRUCTURE CONSULTANT

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