

डी. एल. एल. कार्यालय
प्लॉक नं० 1090 दिनांक 09-01-2025

निविदा

भारत सेवा संस्थान द्वारा प्रस्तावित चन्द्रावल लखनऊ में चन्द्रभानु गुप्त लॉ कालेज, के नये भवन निर्माण हेतु मुहरबंद निविदाएं आमंत्रित की जाती है। इच्छुक ठेकेदार अपनी निविदाएं (Attached Structural and Architectural Drawings) के अनुसार आने वाली निर्माण लागत सहित 16 जनवरी 2025 सायंकाल 4:00 बजे, तक महामंत्री, भारत सेवा संस्थान के नाम से 2-राणा प्रताप मार्ग, मोतीमहल, लखनऊ स्थित कार्यालय में व्यक्तिगत अथवा पंजीकृत डाक से प्रेषित करें। निविदा की विस्तृत जानकारी हेतु www.bharatsevasansthan.com पर उपलब्ध है।

(डा० जे०एन०मिश्रा)

महामंत्री

भारत सेवा संस्थान

मो०नं० मो०नं० 9451141936

PROJECT:

Proposed Chandrabhan
Gupt Law Coolege Bharat
Seva Sansthan at
Chandrawal,
Bijnour Road, Lucknow

NOTE:

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- The proposed structure is using for the educational building.

AREA STATEMENTS:

TOTAL AREA OF PLOT	- 4,672.88 SQ.MT
ACHIEVED AREA GROUND FLOOR	- 1,042.25 SQ.MT
ACHIEVED AREA FIRST FLOOR	- 1,305.52 SQ.MT
ACHIEVED AREA SECOND FLOOR	- 1,305.52 SQ.MT
ACHIEVED AREA MURTY	- 70.57 SQ.MT
ACHIEVED COVERED AREA ON PORCH	- 96.44 SQ.MT
ACHIEVED HEIGHT BUILDING	- 11.60 MT
TOTAL BUILTUP AREA	- 3672.89 SQ.MT
ACHIEVED F.A.R.	- 0.78
PERMISSIBLE F.A.R.	- 1
TOTAL GROUND COVERAGE ACHIEVED (BUILDING + GUARD ROOM)	- 28.10 %
PERMISSIBLE GROUND COVERAGE	- 30 %

DETAILS OF OPENINGS

DOORS				
NAME	SYMBOL	SIZE	SILL. LVL.	LINTEL LVL.
SINGLE FLUSH	(S)	1150 X 2400	...	2400
SINGLE FLUSH	(S)	900 X 2100	...	2100
WINDOWS				
WINDOW	(W)	2000 X 2000	800	2400
WINDOW	(W)	2000 X 1600	800	2400
WINDOW	(W)	1400 X 600	1800	2400
WINDOW	(W)	1500 X 800	1600	2400
VENTILATORS				
VENTILATOR	(V)	1400 X 600	1800	2400

OWNER / CLIENT:

**CHANDRABHAN GUPT
LAW COLLEGE**

ARCHITECTURAL CONSULTANT: **AR. GAURAV GUPTA**
PLUMBING CONSULTANT:

STRUCTURAL CONSULTANT: **ER. S.B. CHAUDHARY**
NORTH:
B.Tech (Civil), M.Tech (ITR)

DRAWING TITLE:
BEAM FRAMING PLAN & DETAIL
OF UPPER GROUND FLOOR
ROOF SLAB

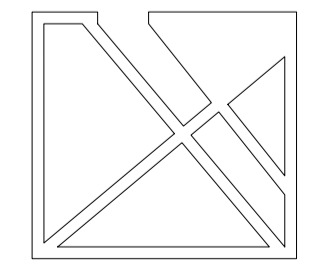
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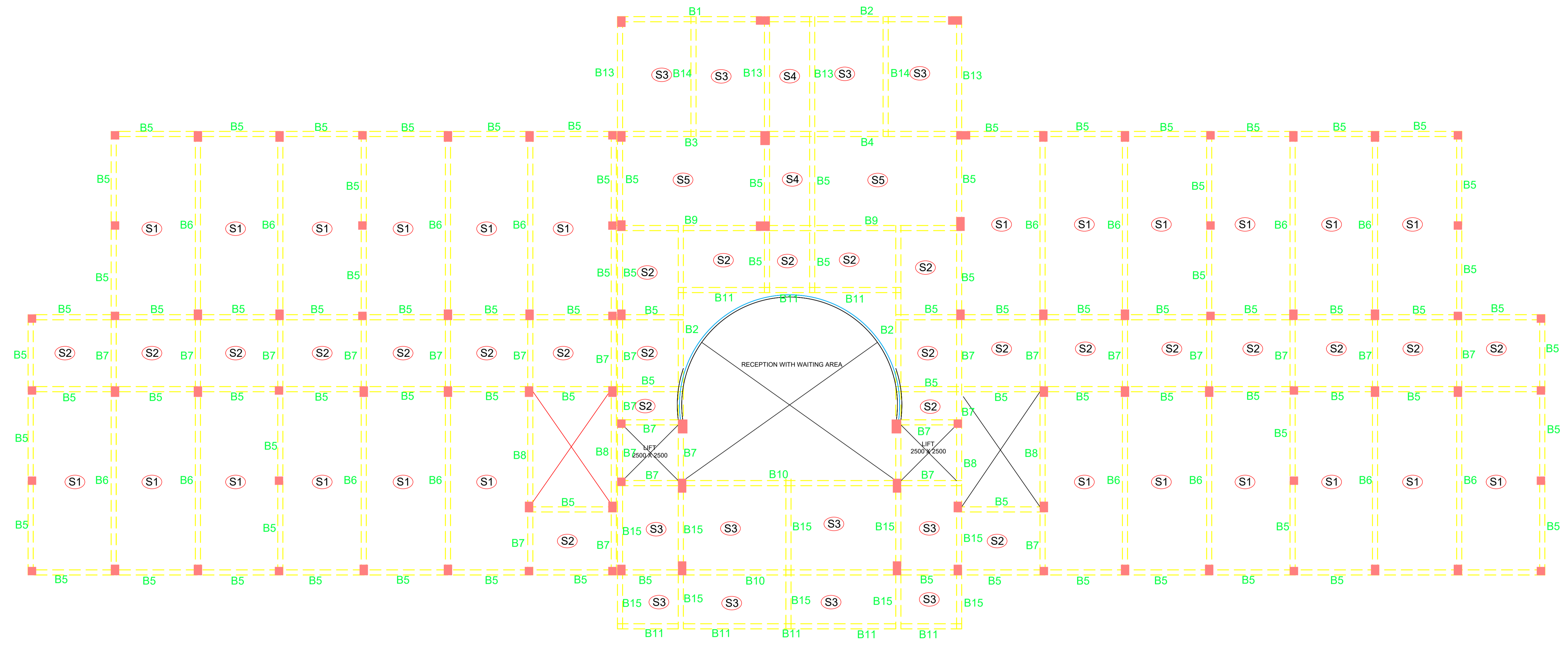
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BEAM FRAMING PLAN & DETAIL OF UPPER GROUND FLOOR ROOF SLAB
(i.e. slab at first floor lvl.)

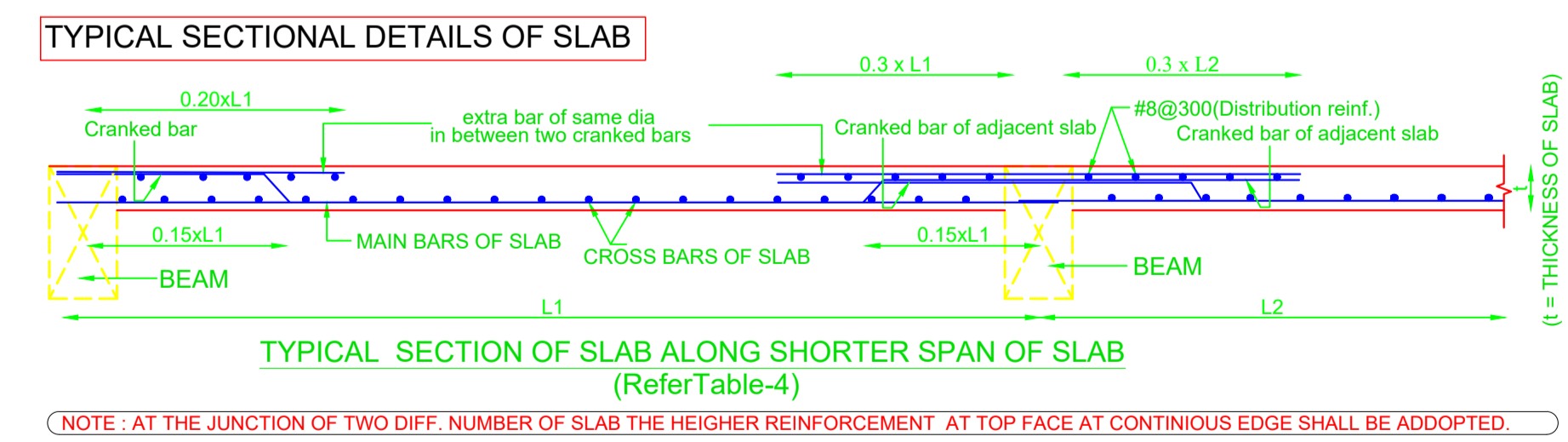
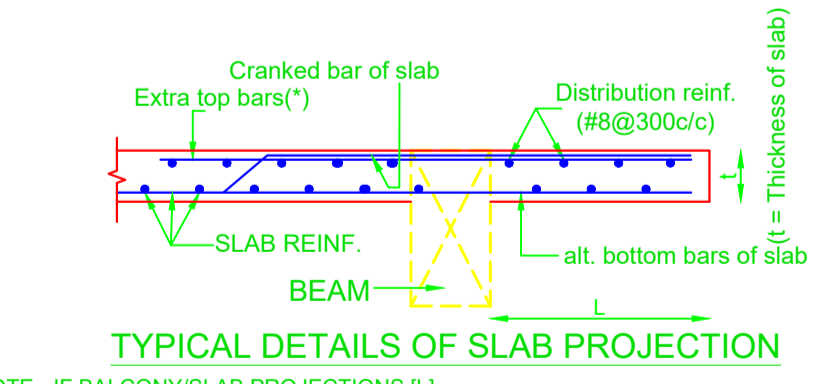


Table-4, Details of slab reinforcement REINFORCEMENT

SR. NO.	SLAB NO.	Thickness (MM)	REINFORCEMENT	
			MAIN BARS Along shorter span	CROSS BARS Along longer span
1	S1	135	#10@125c/c	#10@175c/c
2	S2	135	#8@175c/c	#8@175c/c
3	S3	135	#10@150c/c	#8@175c/c
4	S4	135	#8@175c/c	#8@200c/c
5	S5	135	#10@150c/c	#10@175c/c
6	S6	135	#10@125c/c	#10@125c/c

Note - for reinforcement in cantiliver balcony/ projections refer typ. detail of slab projection



NOTE - IF BALCONY/SLAB PROJECTIONS [L]
(1)-If slab projections [L] = 600 - 750 mm, Extra top bars (*) #80, 1 no. extra bar at top face in between two cranked bar
(2)-If slab projections [L] = 900 -1050 mm, Extra top bars(*) #80, 2 no. extra bar at top face in between two cranked bar

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WINDOW	(W)	2000 X 2000	800	2400
WINDOW	(W)	2000 X 1600	800	2400
WINDOW	(W)	2400 X 600	1800	2400
WINDOW	(W)	1500 X 800	1600	2400
VENTILATORS				
VENTILATOR	(V)	2400 X 600	1800	2400

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STRUCTURAL CONSULTANT: **ER. S.B. CHAUDHARY**
 B.Tech (Civil), M.Tech (IITR)
 NORTH:

DRAWING TITLE:
DETAIL OF BEAM FRAMING
PLAN & DETAIL OF LOWER
GROUND FLOOR ROOF SLAB

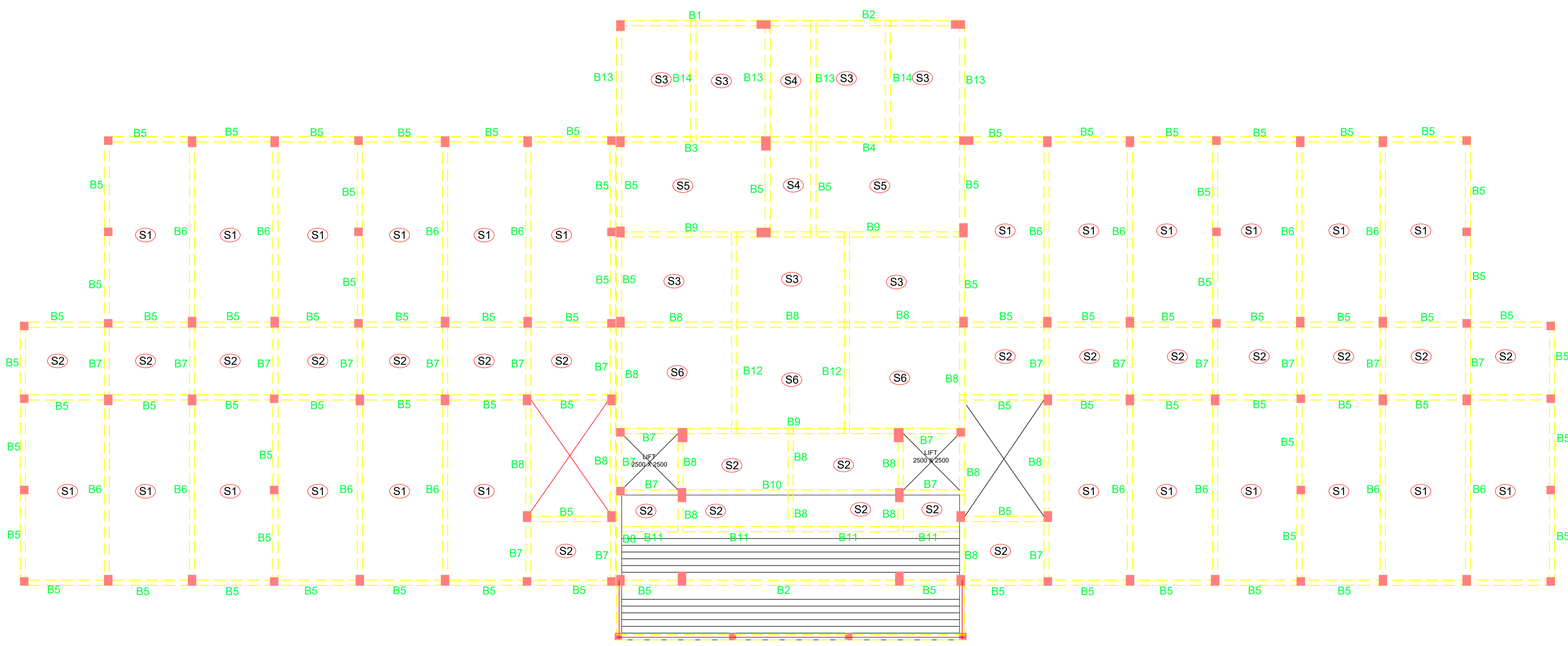
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BEAM FRAMING PLAN & DETAIL OF LOWER GROUND FLOOR ROOF SLAB
 (i.e. slab at u.g floor lvl.)

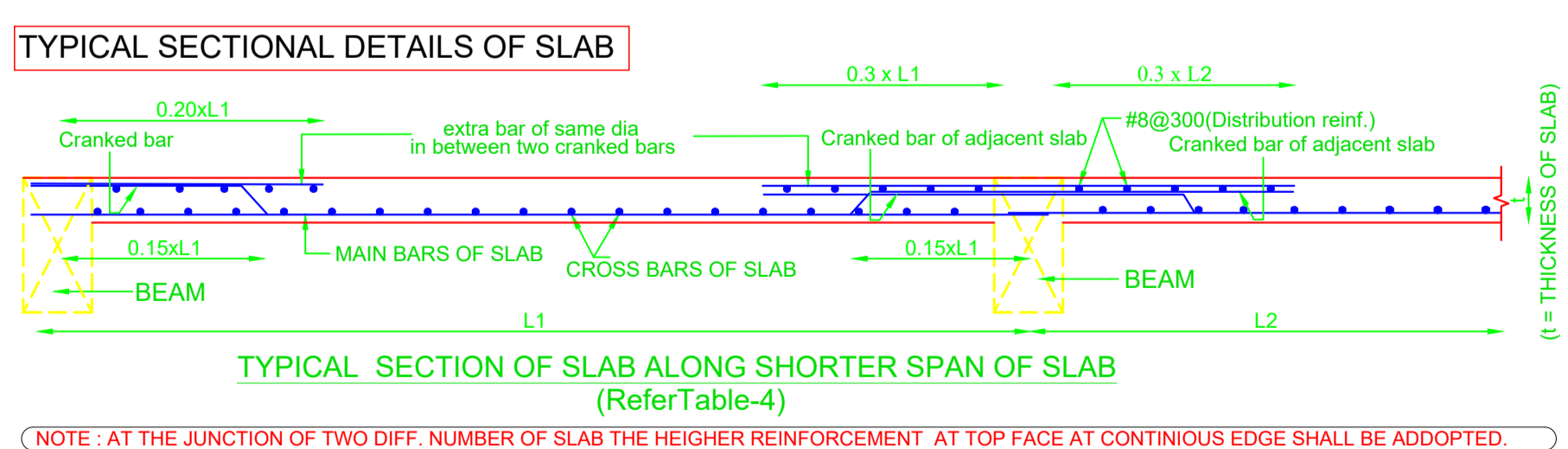
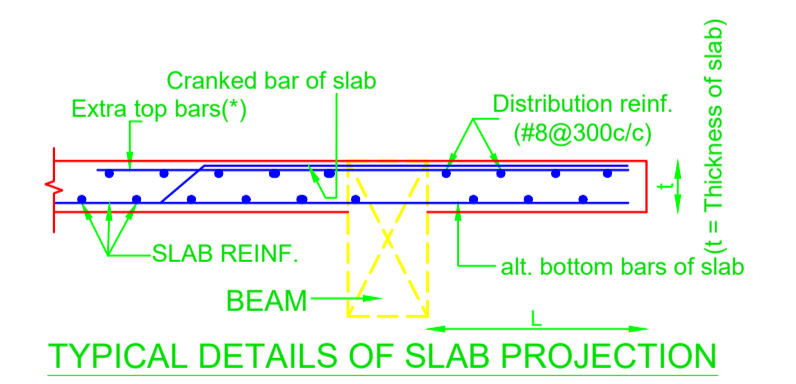


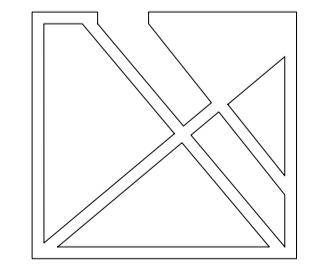
Table-4, Details of slab reinforcement

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			MAIN BARS Along shorter span	CROSS BARS Along longer span
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3	S3	135	#10@150c/c	#8@175c/c
4	S4	135	#8@175c/c	#8@200c/c
5	S5	135	#10@150c/c	#10@175c/c
6	S6	135	#10@125c/c	#10@125c/c

Note - for reinforcement in cantiliver balcony/ projections refer typ. detail of slab projection

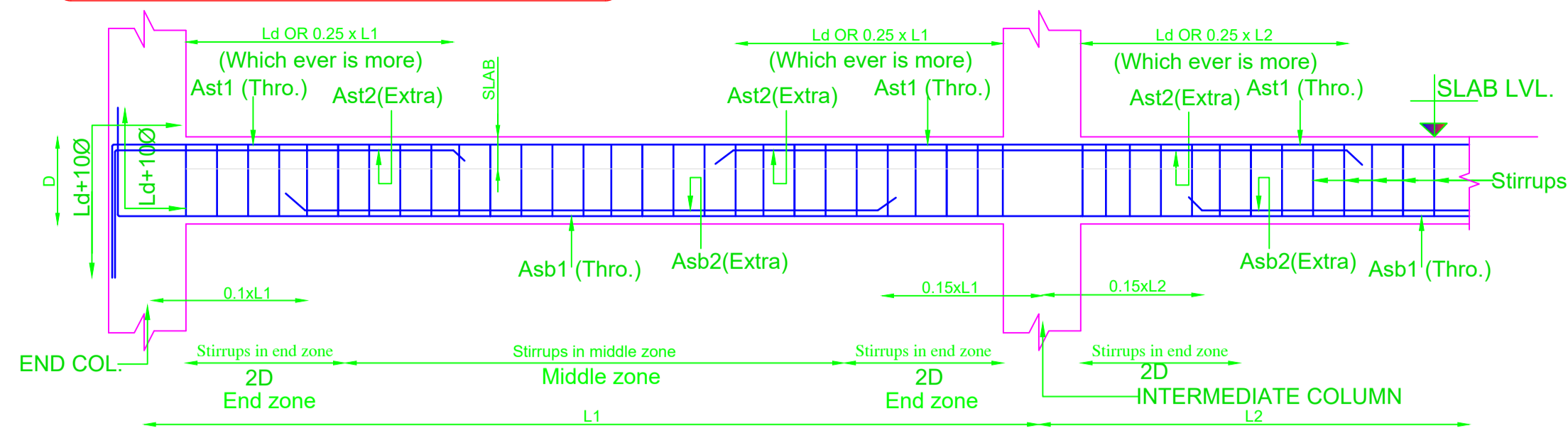


NOTE - IF BALCONY/SLAB PROJECTIONS [L]
 (1)-If slab projections [L] = 600 - 750 mm, Extra top bars (*) #8Ø, 1 no. extra bar at top face in between two cranked bar
 (2)-If slab projections [L] = 900 - 1050 mm, Extra top bars(*) #8Ø, 2 no. extra bar at top face in between two cranked bar



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DETAILS OF BEAMS AT SLAB LEVEL-



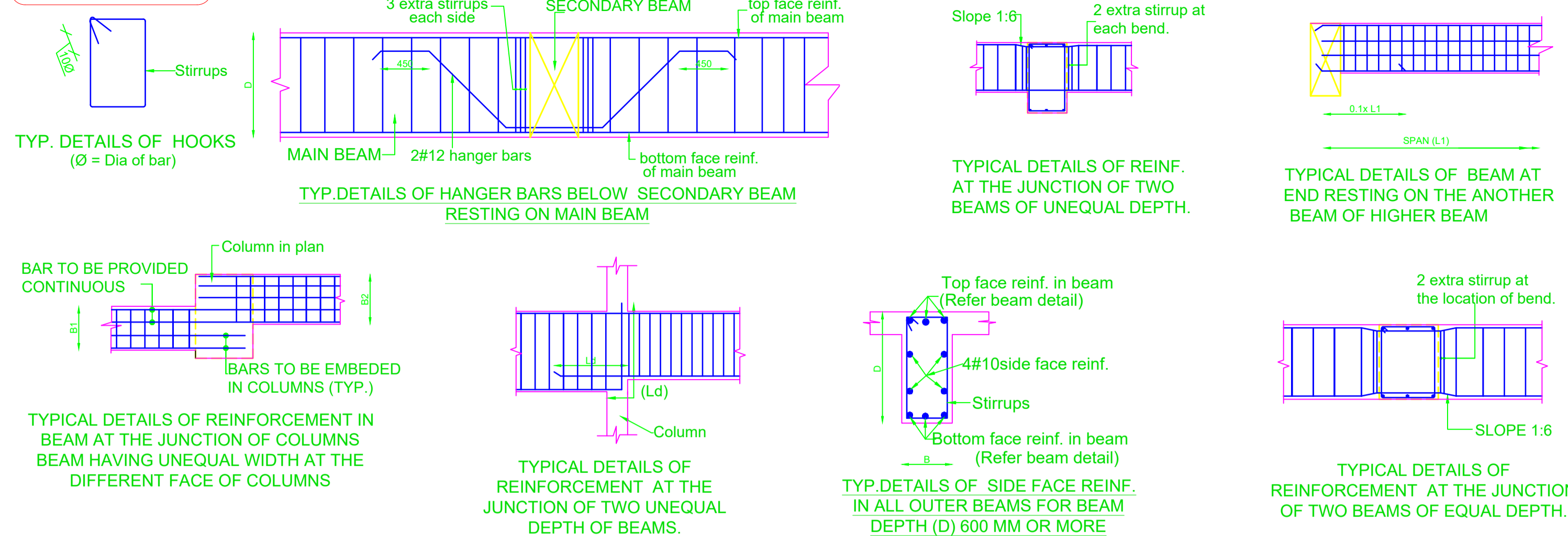
TYP. REINFORCEMENT DETAILS IN THE BEAMS SPANNING BETWEEN SUPPORT TO SUPPORT FOR DETAILS REFER TABLE [3] BELOW

Note :- at the junction of two diff. number of beams the higher reinforcement at the support shall be adopted.

TABLE -3, DETAILS OF SLAB BEAMS

SR. NO.	BEAM NO.	BEAM SIZE		LONGITUDINAL REINFORCEMENT				STIRRUPS		SIDE FACE REINF. (ON EACH SIDE FACE)
		W mm	D mm	Ast1 (Thro. at Top)	Ast2 (Extra at support)	Asb1 (Thro. at Bottom)	Asb2 (Extra at middle)	END ZONE '2L'STPS	MIDDLE ZONE '2L'STPS	
1	B1	230	600	3#20Ø	2#16Ø	3#20Ø	2#16Ø	#8@100c/c	#8@150c/c	-
2	B2	300	600	3#20Ø	2#20Ø	3#20Ø	2#20Ø	#8@100c/c	#8@150c/c	-
3	B3	230	600	3#20Ø	2#20Ø	3#20Ø	2#16Ø	#8@100c/c	#8@150c/c	-
4	B4	300	600	4#20Ø	2#20Ø	4#20Ø	2#16Ø	#8@100c/c	#8@150c/c	-
5	B5	230	450	3#16Ø	-	3#16Ø	-	#8@100c/c	#8@150c/c	-
6	B6	300	600	3#20Ø	3#20Ø	3#20Ø	2#16Ø	#8@100c/c	#8@150c/c	-
7	B7	230	450	3#16Ø	-	3#16Ø	-	#8@100c/c	#8@150c/c	-
8	B8	230	450	3#16Ø	2#12Ø	3#16Ø	-	#8@100c/c	#8@150c/c	-
9	B9	450	750	5#25Ø	5#25Ø	5#25Ø	4#20Ø	#8'4L'@100c/c	#8'4L'@150c/c	2#12Ø
10	B10	350	600	4#20Ø	4#25Ø	4#25Ø	2#20Ø	#8'4L'@100c/c	#8'4L'@150c/c	-
11	B11	230	450	2#16Ø	1#12Ø	2#16Ø	-	#8@100c/c	#8@150c/c	-
12	B12	300	600	4#20Ø	2#20Ø	4#20Ø	2#20Ø	#8@100c/c	#8@150c/c	-
13	B13	230	450	3#16Ø	-	3#16Ø	-	#8@100c/c	#8@150c/c	-
14	B14	230	450	3#16Ø	-	3#16Ø	-	#8@100c/c	#8@150c/c	-
15	B15	230	450	3#20Ø	2#20Ø	3#20Ø	-	#8@100c/c	#8@150c/c	-

TYP. DETAILS



DETAILS OF LINTELS

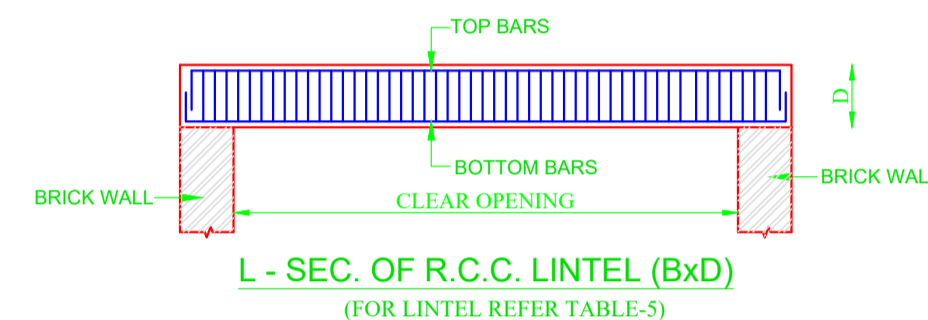
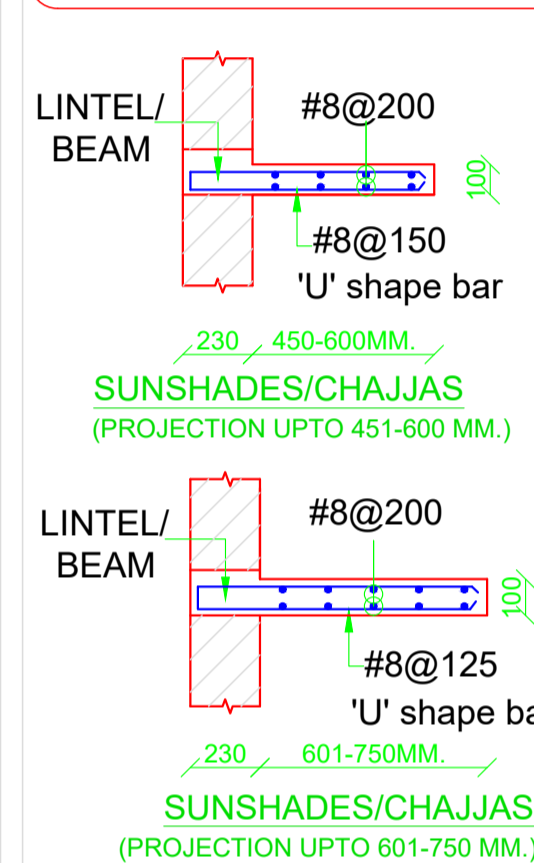


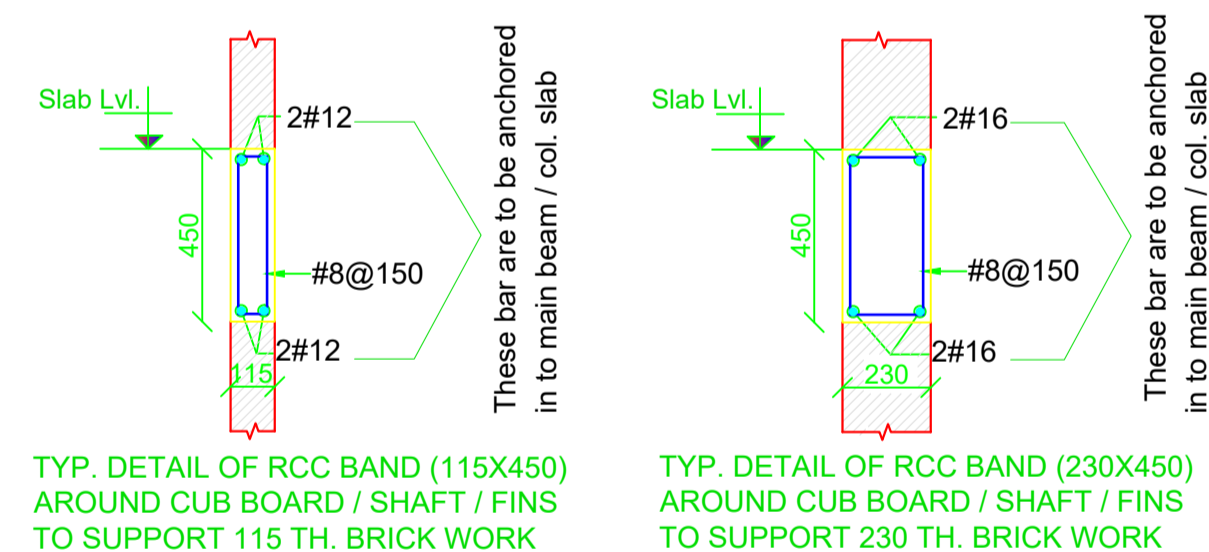
TABLE-5 DETAIL OF LINTELS FOR DOOR / WINDOW OPENING

S.N.	DOOR/ WINDOW OPENING (L)	FOR 230 TH WALL				FOR 115 TH WALL				
		Lintel Cross Section (B X D)	Longitudinal BOTTAM BARS	Reinforcemnt TOP BARS	Stirrups '2L' STPS	DOOR/ WINDOW OPENING (L)	Lintel Cross Section (B X D)	Longitudinal BOTTAM BARS	Reinforcemnt TOP BARS	Stirrups '2L' STPS
1	>750≤1000	230 X150	2 # 12	2 # 10	#8@175	>750≤1000	115 X150	2 # 10	2 # 10	#8@175
2	>1000≤1500	230 X150	2 # 12 +1#10	2 # 10	#8@175	>1000≤1500	115 X150	2 # 12	2 # 10	#8@175
3	>1500≤2000	230 X225	3 # 12	2 # 10	#8@150	>1500≤2000	115 X225	2 # 12+2#10	2 # 10	#8@150
4	>2000≤2500	230 X225	4 # 12	2 # 10	#8@150	>2000≤2500	115 X225	2 # 12+2#12	2 # 10	#8@150

TYP.DETAILS OF SUNSHADES/CHAJJAS

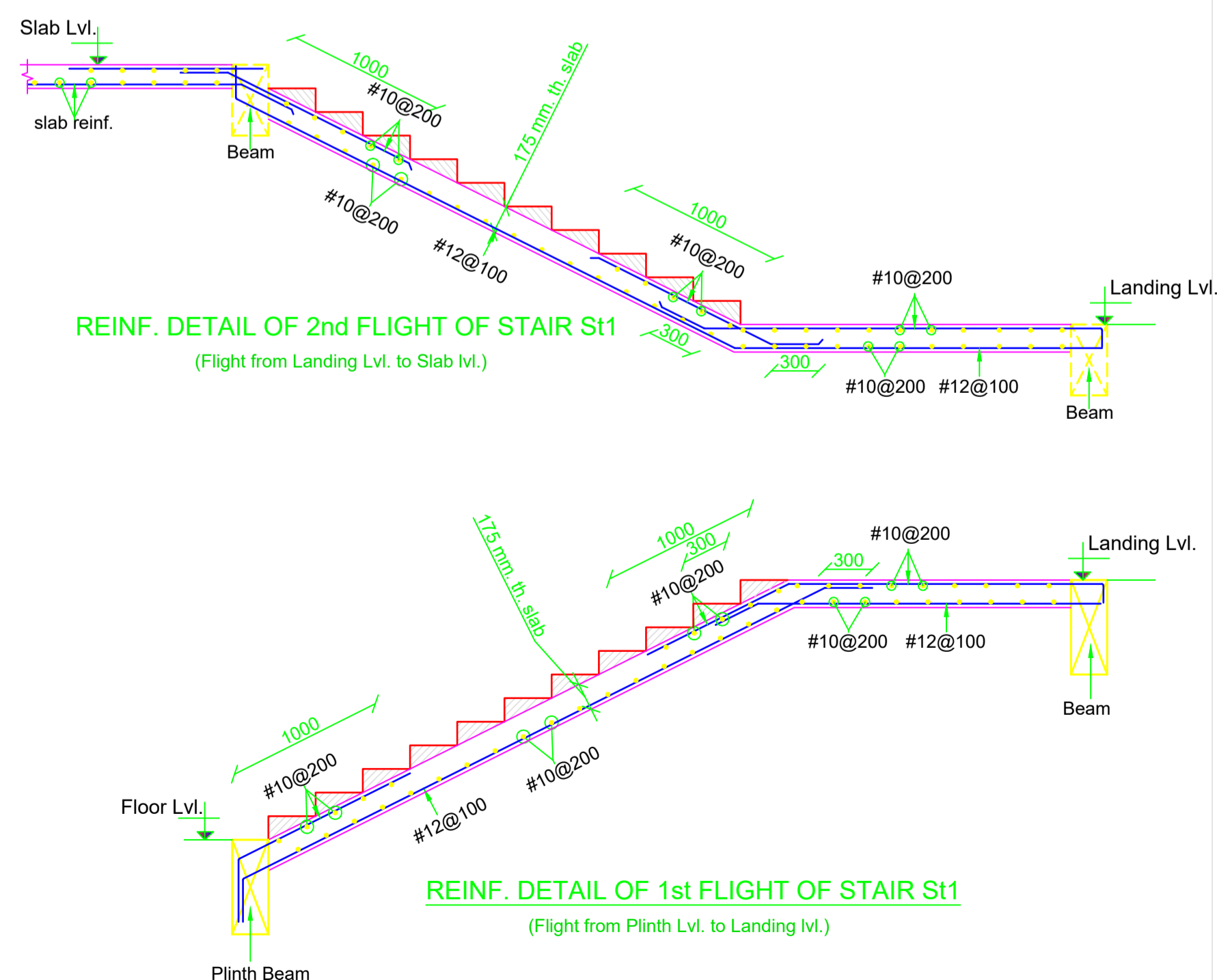


DETAIL OF R.C.C. BAND AT SLAB LVL



DETAIL OF STAIR St1

Nos. of trade, riser & stair width as per arch dwg.



PROJECT:
Proposed Chandrabhan Gupt Law Coolege Bharat Seva Sansthan at Chandrawal, Bijnour Road, Lucknow

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ARCHITECTURAL CONSULTANT: **AR. GAURAV GUPTA**
PLUMBING CONSULTANT

STRUCTURAL CONSULTANT: **ER. S.B. CHAUDHARY**
NORTH:
B.Tech (Civil), M.Tech (IITR)

DRAWING TITLE:
DETAIL OF SLAB BEAM LINTEL & STAIR

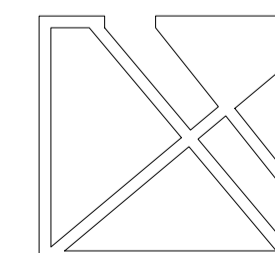
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STRUCTURAL CONSULTANT:

ER. S.B. CHAUDHARY
B.Tech (Civil), M.Tech (IITR)

NORTH:

DRAWING TITLE:

**DETAIL OF PLINTH BEAM
FRAMING PLAN**

DRAWING NO:- **03**

DRAWN BY: ANURAG

CHKD BY: DATE: 09.01.2024

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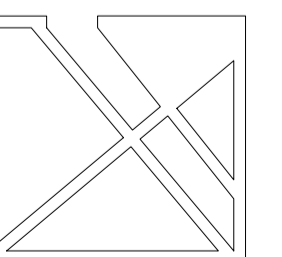
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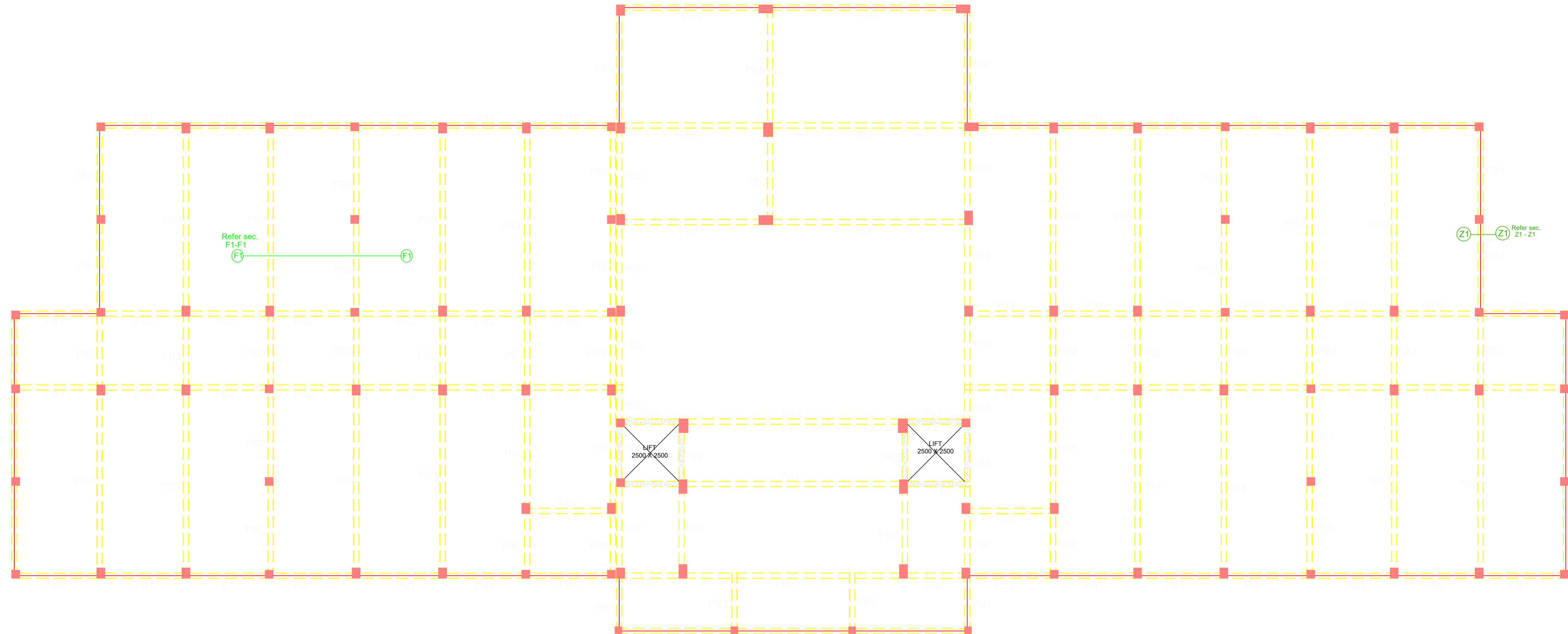
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PLINTH BEAM FRAMING PLAN
(Plan showing plinth beam nos.)

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TOTAL BUILTUP AREA	- 3672.89 SQ.MT
ACHIEVED F.A.R	- 0.78
PERMISSIBLE F.A.R	- 1
TOTAL GROUND COVERAGE ACHIEVED (BUILDING + GUARD ROOM)	- 28.10 %
PERMISSIBLE GROUND COVERAGE	- 30 %

DETAILS OF OPENINGS

DOORS		WINDOWS		VENTILATORS	
NAME	SYMBOL	SIZE	SILL LVL	LINTEL LVL	
SINGLE FLUSH	(S)	1150 X 2400	-	2400	
SINGLE FLUSH	(S)	900 X 2100	-	2100	
WINDOW	(W)	3000 X 2000	800	2400	
WINDOW	(W)	2000 X 1600	800	2400	
WINDOW	(W)	3400 X 600	1800	2400	
WINDOW	(W)	1500 X 800	1600	2400	
VENTILATOR	(V)	3400 X 600	1800	2400	

OWNER / CLIENT:
**CHANDRABHAN GUPT
 LAW COLLEGE**

ARCHITECTURAL CONSULTANT
AR. GAURAV GUPTA

PLUMBING CONSULTANT
ER. S.B. CHAUDHARY
 B.Tech (Civil), M.Tech (ITR)

DRAWING TITLE:
**DETAIL OF PLINTH BEAM,
 ISOLATED & COMBINED
 FOOTING**

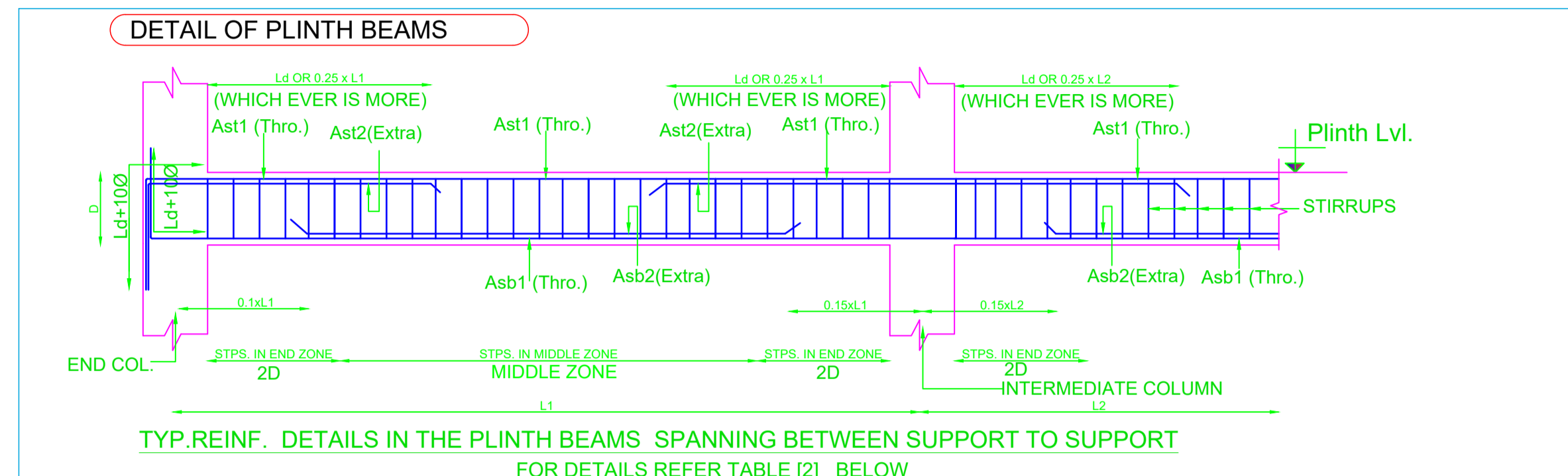
DRAWING NO.:- 02

DRAWN BY: ANURAG
CHKD BY: DATE: 09.01.2024
SCALE:-
PAPER SIZE - A0

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STRUCTURE CONSULTANT:
SBS STRUCTURE
 [CONSULTING STRUCTURAL ENGINEERS]
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 GOMTI NAGAR EXTENSION , LUCKNOW (UP)
 e-mail -sbsstructures13@gmail.com
 MOBILE_ 8052038753,

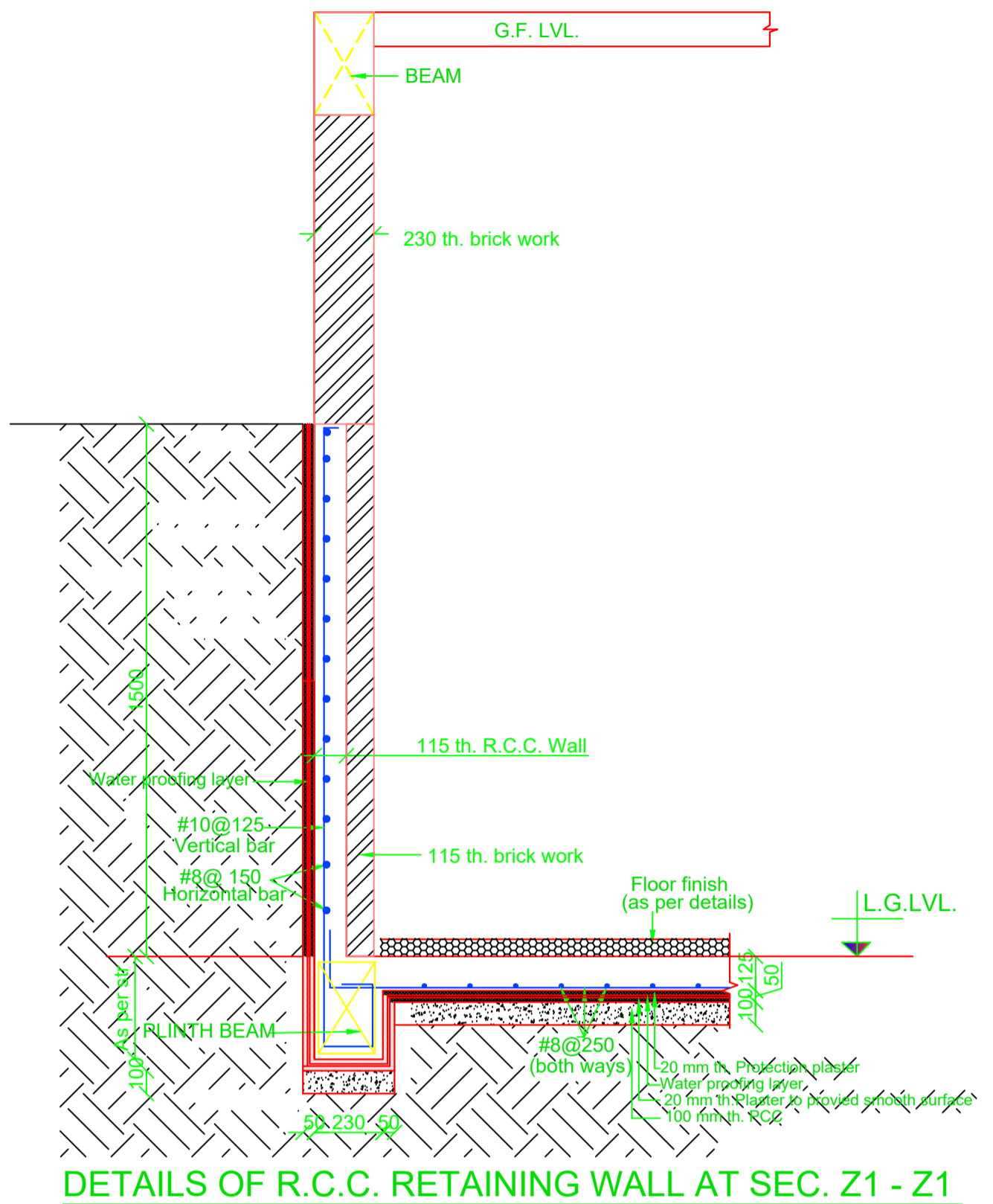


TYP.REINF. DETAILS IN THE PLINTH BEAMS SPANNING BETWEEN SUPPORT TO SUPPORT FOR DETAILS REFER TABLE [2] BELOW

NOTE : at the junction of two diff. number of beams the heiger reinforcement at the support shall be adopted.

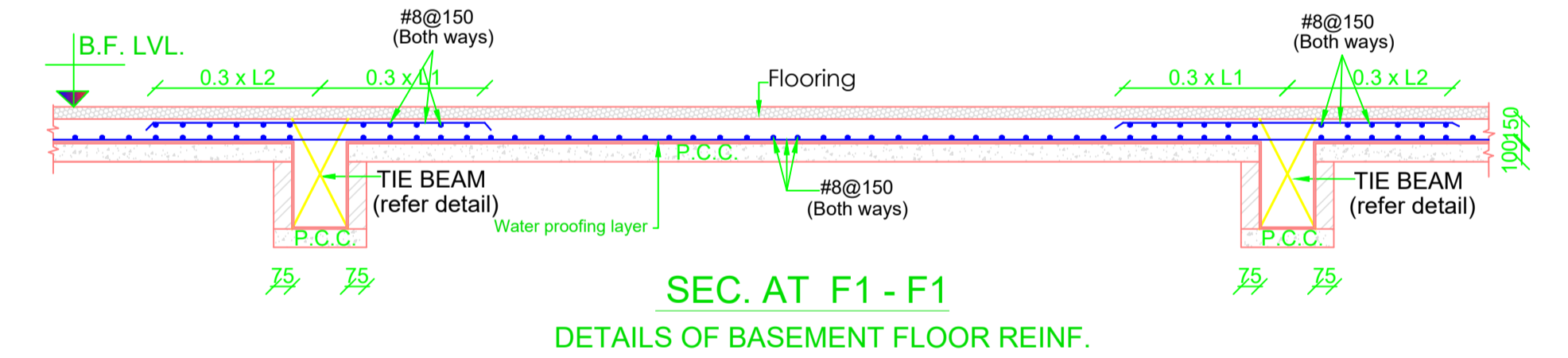
TABLE -2, DETAIL OF PLINTH BEAMS

SR. NO.	PLINTH BEAM NO.	BEAM SIZE	LONGITUDINAL REINFORCEMENT				STIRRUPS		SIDE FACE REINF. (ON EACH FACE)
			TOP FACE REINFORCEMENT	BOTTOM FACE REINFORCEMENT	END ZONE '2L'STPS	MIDDLE ZONE '2L'STPS			
1	PB1	230 450	3#16Ø	-	3#16Ø	-	#8@100/c	#8@150/c	-
2	PB2	230 350	2#16Ø	1#12Ø	2#16Ø	-	#8@100/c	#8@150/c	-
3	PB3	230 350	3#16Ø	2#12Ø	3#16Ø	2#12Ø	#8@100/c	#8@150/c	-
4	PB4	230 450	3#16Ø	2#12Ø	3#16Ø	-	#8@100/c	#8@150/c	-
5	PB5	230 450	3#16Ø	2#16Ø	3#16Ø	-	#8@100/c	#8@150/c	-
6	PB6	230 350	3#16Ø	-	3#16Ø	-	#8@100/c	#8@150/c	-

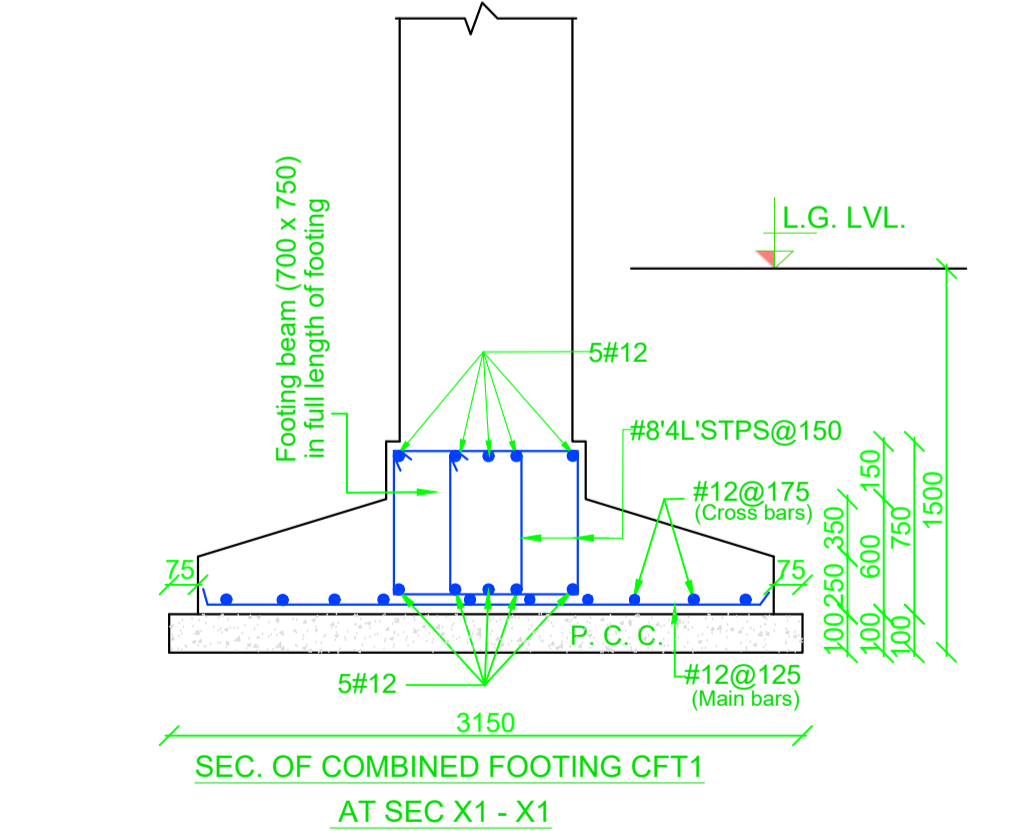


DETAILS OF R.C.C. RETAINING WALL AT SEC. Z1 - Z1

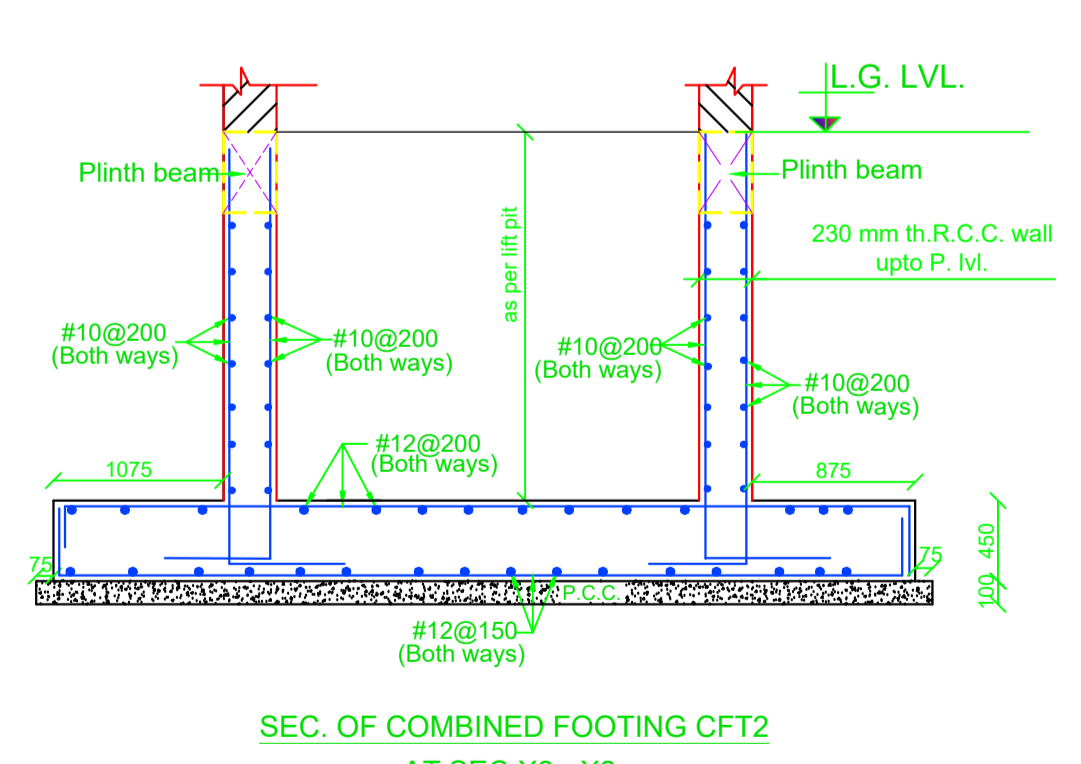
Note- R.C.C Retaining shall be connected with slab beam with the provision of openings for ventilators as per details



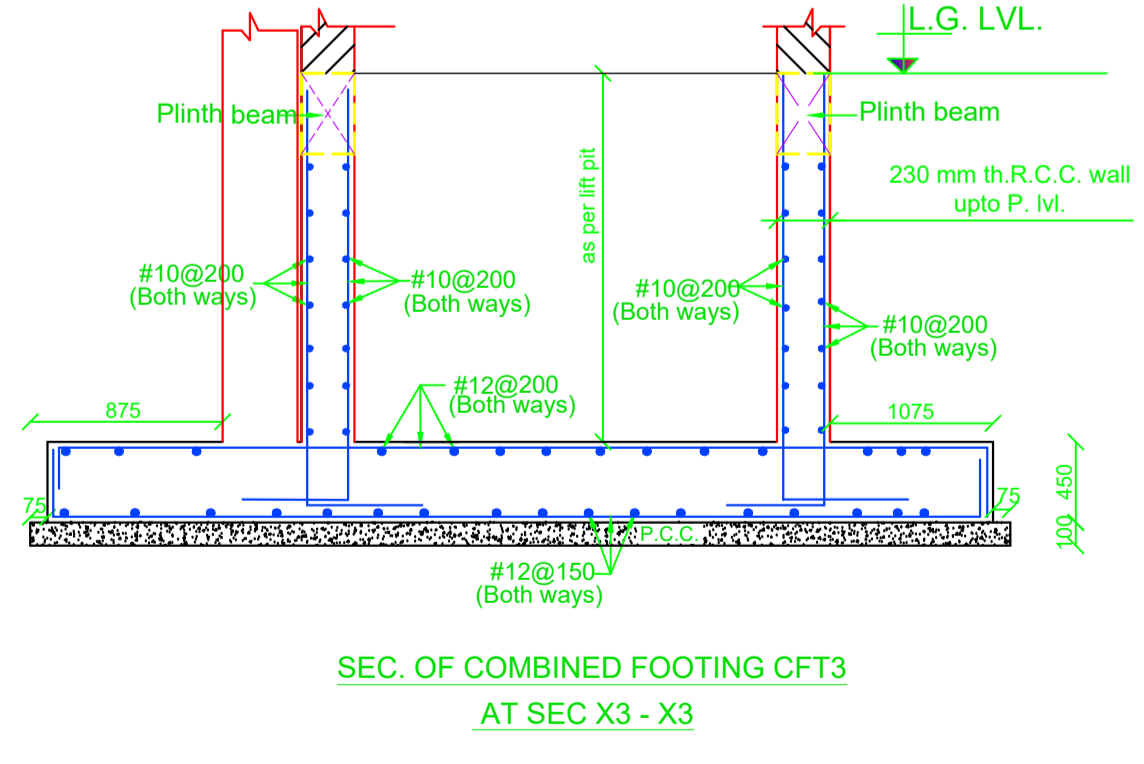
SEC. AT F1 - F1 DETAILS OF BASEMENT FLOOR REINF.



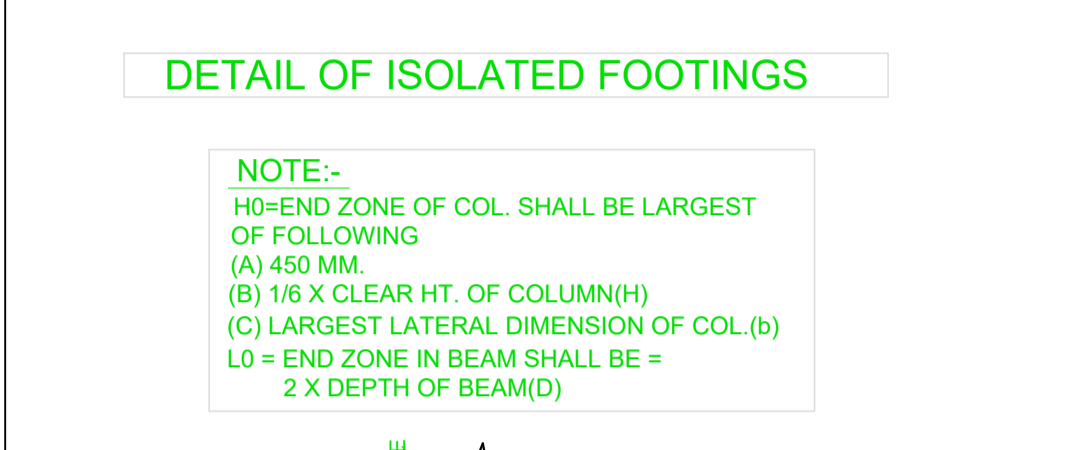
SEC. OF COMBINED FOOTING CFT1 AT SEC X1 - X1



SEC. OF COMBINED FOOTING CFT2 AT SEC X2 - X2

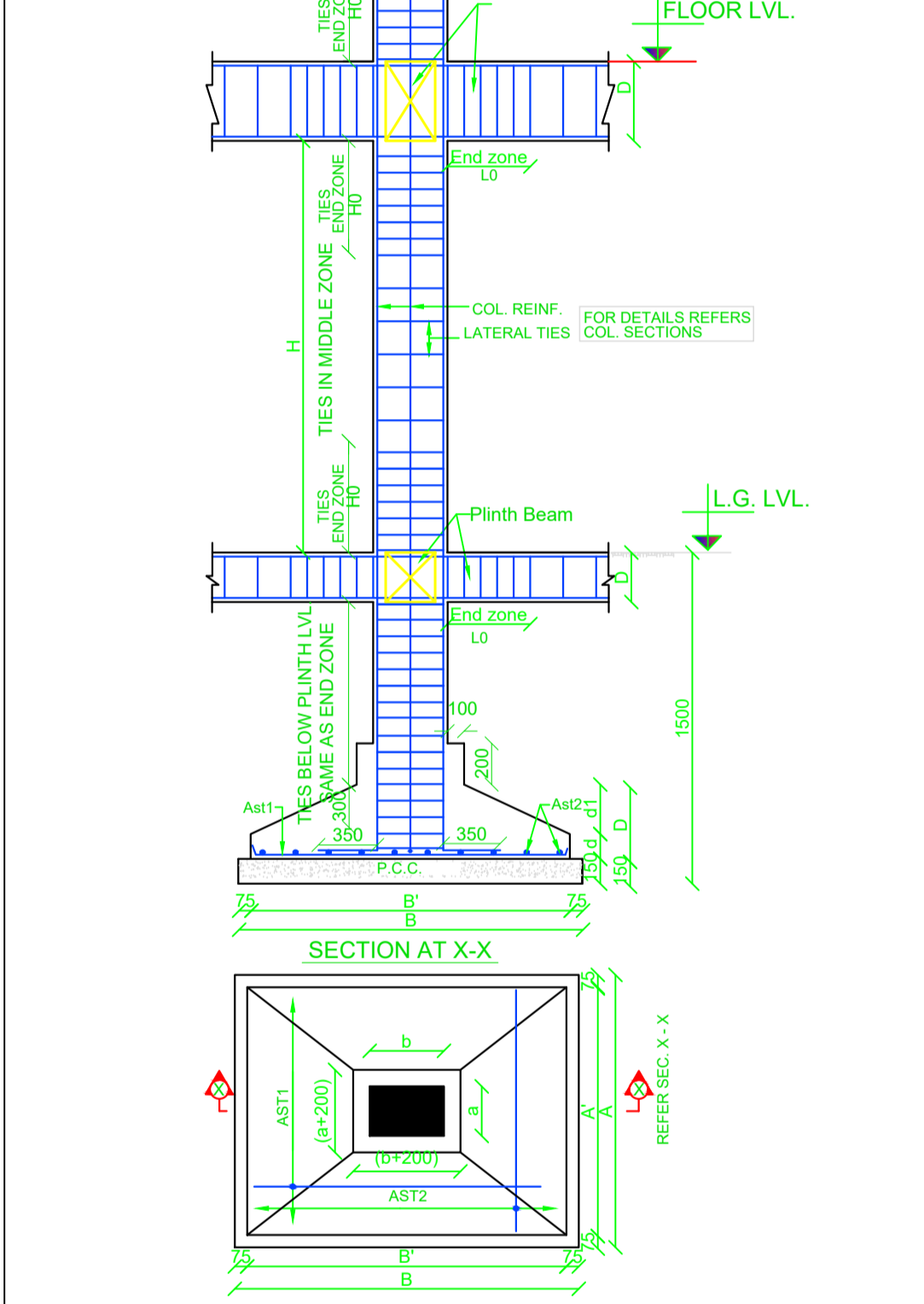


SEC. OF COMBINED FOOTING CFT3 AT SEC X3 - X3



DETAIL OF ISOLATED FOOTINGS

NOTE:-
 H0=END ZONE OF COL. SHALL BE LARGEST OF FOLLOWING
 (A) 450 MM.
 (B) 1/6 X CLEAR HT. OF COLUMN(H)
 (C) LARGEST LATERAL DIMENSION OF COL.(b)
 L0 = END ZONE IN BEAM SHALL BE = 2 X DEPTH OF BEAM(D)



PLAN OF TYPICAL ISOLATED FOOTING (AXB)
 [Note - a & b are column dimention]

TABLE-1 , DETAIL OF ISOLATED FOOTINGS

S. NO.	FOOTING NO.	TRENCH SIZE (A X B) (mmxmm)	FOOTING SIZE [A'X'B'] (mmxmm)	FOOTING REINF. Ast1 Ast2	d [mm] (THICKNESS AT EDGE)	D [mm] (THICKNESS AT FACE OF COL. PEDESTAL)	d1=D-d [mm]
1	FT1	1500X1500	1350X1350	#10@150 #10@150	150	400	250
2	FT2	1950X1950	1800X1800	#12@200 #12@200	200	500	300
3	FT3	2250X2250	2100X2100	#12@175 #12@175	200	525	325
4	FT4	2250X2550	2100X2400	#12@175 #12@175	200	550	350
5	FT5	2550X2850	2400X2700	#12@150 #12@150	200	600	400
6	FT6	2700X3000	2550X2850	#12@150 #12@150	200	625	425
7	FT7	2850X3150	2700X3000	#12@125 #12@125	200	650	450
8	FT8	3150X3450	3000X3300	#12@100 #12@100	250	700	450

PROJECT:
**Proposed Chandrabhan
 Gupt Law Coolege Bharat
 Seva Sansthan at
 Chandrawal,
 Bijnour Road, Lucknow**

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TOTAL BUILTUP AREA	- 3672.89 SQ.MT
ACHIEVED F.A.R	- 0.78
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TOTAL GROUND COVERAGE ACHIEVED	- 28.10 %
(BUILDING + GUARD ROOM)	
PERMISSIBLE GROUND COVERAGE	- 30 %

DETAILS OF OPENINGS

DOORS				
NAME	SYMBOL	SIZE	SILL LVL.	LINTEL LVL.
SINGLE FLUSH	D1	1150 X 2400	...	2400
SINGLE FLUSH	D2	900 X 2100	...	2100

WINDOWS				
WINDOW	SYMBOL	SIZE	SILL LVL.	LINTEL LVL.
WINDOW	W1	3000 X 2000	800	2400
WINDOW	W2	2000 X 1600	800	2400
WINDOW	W3	1400 X 600	1800	2400
WINDOW	W4	1500 X 800	1600	2400

VENTILATORS				
VENTILATOR	SYMBOL	SIZE	SILL LVL.	LINTEL LVL.
VENTILATOR	V1	1400 X 600	1800	2400

OWNER / CLIENT:
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 LAW COLLEGE**

ARCHITECTURAL CONSULTANT	PLUMBING CONSULTANT
AR. GAURAV GUPTA	
STRUCTURAL CONSULTANT:	NORTH:
ER. S.B. CHAUDHARY B.Tech (Civil), M.Tech (RFR)	

DRAWING TITLE:
**DETAIL OF FOUNDATION PLAN
 & COLUMNS**

DRAWING NO:- 01

DRAWN BY: ANURAG
CHKD BY:
DATE: 14.08.2024
SCALE:
PAPER SIZE - A0

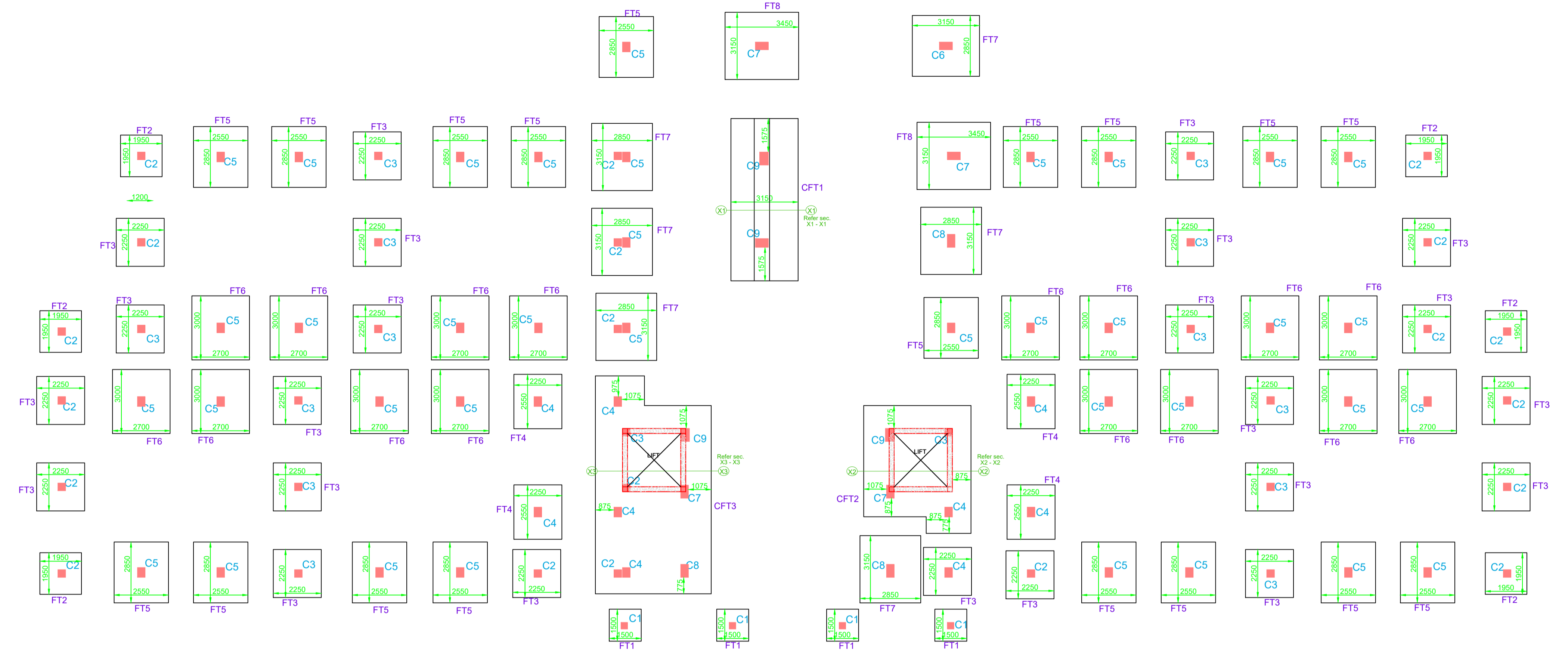
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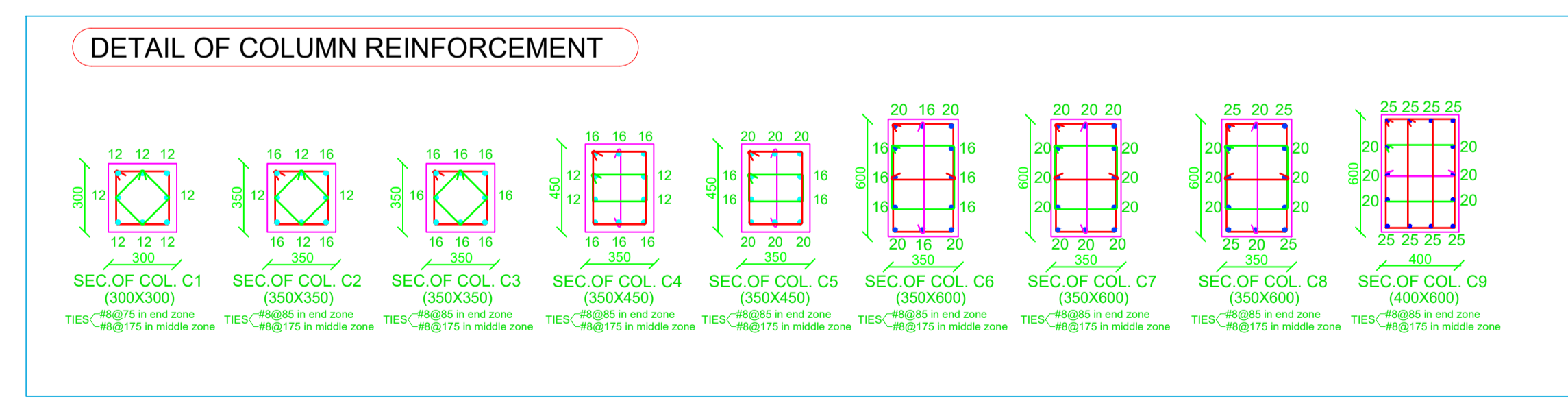
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DE: CA+PE STUDIO
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 L2 - 155 SECTOR-G, LDA COLONY, ASHIYANA,
 KANPUR ROAD, NEAR ROY HOSPITAL,
 LUCKNOW - 226012
 WEBSITE: decapestudio.com
 Ph: +91-9935005439
 Mail: decapestudio@gmail.com

- NOTES:-**
[GENERAL]
- ALL DIMENSIONS ARE IN M.M. UNLESS OTHERWISE MENTIONED.
 - ONLY FIGURED DIMENSIONS ARE TO BE FOLLOWED NEITHER THE BARS SHALL BE COUNTED NOR THE DIMENSIONS SCALED FROM THE DRG.
 - ANY DISCREPANCY IN THE DRGS. SHALL BE BROUGHT TO THE NOTICE OF THE ARCHITECT / CONSULTANT AND CLARIFICATION OBTAINED IN WRITING PRIOR TO EXECUTION OF WORK.
 - HIGH YIELD STRENGTH DEFORMED BARS OF YIELD STRESS 500 N/MM² (Fe-500) WHICH SHALL CONFORM TO IS-1786-1985 SHALL BE USED AS REINFORCEMENT.
 - CLEAR COVER OF MAIN REINF. SHALL BE AS FOLLOWS
 (a) FOOTING = 50 MM. (b) COLUMN = 40 MM. (c) BEAM = 30MM. OR OR DIA OF BAR WHICHEVER IS MORE (d) SLAB = 20 mm (e) WAIST SLAB = 20 mm.
 - END/SIDE COVER OF ALL REINFORCEMENT IN BEAMS & SLAB = 25 mm. OR DIA OF BAR WHICHEVER IS MORE.
 - THE COVER BLOCK OF CEMENT MORTAR SHALL BE USED TO ENSURE THE REQD. COVER OF REINFORCEMENT.
 - DEVELOPMENT LENGTH (L_d) FOR DIFFERENT DIA METER OF BARS FOR CONC. MIX OF GRADE M - 25 SHALL BE = 47 X DIA OF BAR.
 - CONC. MIX FOR R.C.C. WORK SHALL BE OF GRADE M - 25 CONFORMING TO IS - 456 - 2016.
 - NECESSARY FIXTURE FOR ELECTRICAL PLUMBING, ETC. SHALL BE PROVIDED IN SLAB, BEAMS BEFORE EXECUTION AS PER RELEVANT DRGS.
 - THE STRUCTURE HAS BEEN DESIGNED FOR SEISMIC ZONE - III.
 - THE STRUCTURE HAS BEEN DESIGNED FOR L.G.F.+U.G.F.+2 = 4 STOREY.
 - SP.C.C.(1:4:8) SHALL BE PROVIDED.
 - ALL PLAIN CONCRETE & RCC SHALL BE STRICTLY IN ACCORDANCE WITH THE PROVISION OF IS - 456-2016.
 - CUTTING BENDING FIXING & PLACING OF BARS SHALL BE IN ACCORDANCE WITH IS - 2502:1968, IS - 5525:1969 & IS - 456:2016.
- [FOUNDATION]**
- THE LAYOUT OF BUILDING SHALL BE GIVEN FROM THE LATEST ARCH. DRG.
 - THE DESIGN DATA FOR OPEN FOUNDATION HAS BEEN TAKEN FROM SOIL TEST REPORT PROVIDED BY THE DEPT./CLIENT (S.B.C = 9.60 T/SQM AT 1.5 M DEPTH).
 - EARTH BELOW FOUNDATION SHALL BE PROPERLY RAMMED & CONSOLIDATED BEFORE LAYING LEAN CONCRETE.
- [COLUMNS]**
- TIES IN PORTION OF COL. & BEAM JUNCTION SHALL BE SAME AS END ZONE.
 - OVER LAPS ARE ALLOWED ONLY AT MIDDLE ZONE OF THE COLUMNS.
 - NOT MORE THAN 50% OF BARS SHALL BE LAPPED AT A SECTION AND LAPS SHALL BE STAGGERED.
 - TIES IN PORTION OF COL. BELOW PLINTH BEAM SHALL BE SAME AS END ZONE.
 - VERTICAL BARS OF RCC COLUMN AT TOP SLAB SHALL BE EXTENDED UPTO TOP OF BEAM & BENT INTO BEAM BY DEVELOPMENT LENGTH.
- [BEAMS]**
- FOR LOCATION OF BEAMS REFER SLAB PLAN.
 - THE SPACING OF STIRRUPS AT OVERLAPS SHOULD NOT EXCEED 150 MM. C/C
 - WHERE TWO LAYERS OF REINF. BARS ARE TO BE PROVIDED, SPACER BAR ARE TO BE PROVIDED AT SPACING OF 1000 MM. MAX. AND THE DIA OF THE SPACER BAR SHALL BE HIGHER OF DIA OF LONGITUDINAL BARS OR 25 MM.
 - MAX. 3 NOS. OF BARS SHALL BE PROVIDED IN A LAYER OF 230 MM WIDE BEAM.
 - AT THE JUNCTION OF TWO DIFF. NUMBER OF BEAMS THE HIGHER REINF. AT THE SUPPORT SHALL BE ADOPTED.
 - OVER LAP IN TOP BARS SHALL BE NEAR MID SPAN & IN BOTTOM BARS SHALL BE NEAR SUPPORT OR AT SUPPORT.
 - THE DEPTH OF BEAM/INTEL MONOLITHIC WITH SLAB AS SPECIFIED IN SCHEDULE SHALL BE INCLUSIVE OF SLAB THICKNESS UNLESS OTHERWISE SPECIFIED.
 - HOOKE IN STIRRUPS OF BEAMS SHALL BE BENT INSIDE AT 135° & LENGTH OF HOOKS SHALL BE 10 X DIA OF BAR OF STIRRUPS.
- [SLABS]**
- FOR SLAB REINFORCEMENT REFER TABLE-4 (DETAIL OF SLAB REINFORCEMENT)
 - ALTERNATE BOTTOM BARS SHALL BE CURTAILED AT L/7 OF SPAN AS SHOWN IN TYP. SECTION OF SLAB.
 - EXTRA BARS SHALL BE PROVIDED AT TOP FACE AS SHOWN IN TYP. SECTION OF SLAB.
 - THE CROSS REINF. TEMP. REINF. BELOW TOP REINF. OF SLAB I.E. #8@300/C IS TO BE PROVIDED JUST BELOW THE MAIN TOP STEEL AS SHOWN IN TYP. SEC. OF SLAB.
 - THE FIRST MAIN BAR OF SLAB SHALL BE PLACED AT 80 MM. OR HALF THE SPACING SPECIFIED WHICHEVER IS LESS FROM THE FACE OF SUPPORT.
- [MASONRY WORK]**
- 115 TH (1/2 BRICK) WALL - 1:4 CEMENT: SAND MORTAR SHALL BE USED & #8.1 NOS. BARS AT EVERY 4th COURSE SHALL BE PROVIDED.
 - 230 TH (1 BRICK) WALL - 1:6 CEMENT: SAND MORTAR SHALL BE USED.
 - THE VERTICAL FACE OF CONCRETE AT JUNCTION OF WALL & RCC MEMBER SHALL BE RAKED TO GIVE A ROUGH SURFACE & 1:4 CEMENT: SAND MORTAR SHOULD BE APPLIED TO DEVELOPED BOND BETWEEN BRICK & RCC MEMBER.
- REFERENCES : IS 456 - 2016, IS 13920 - 2016, IS - 1893 PART (1) : 2016, SP-16 , SP-34 ARCH. DRG. NO. - ALL LATEST ARCH. DRGS



FOUNDATION PLAN
 (Plan showing trench, footing nos. & col. nos.)



PROJECT:
**Proposed Chandrabhan
 Gupt Law Coolege Bharat
 Seva Sansthan at
 Chandrawal,
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WINDOW	(W)	1500 X 800	1600	2400
VENTILATORS				
VENTILATOR	(V)	2400 X 600	1800	2400

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DRAWING TITLE:
**BEAM FRAMING PLAN & DETAIL
 OF FIRST FLOOR ROOF SLAB**

DRAWING NO:- 07

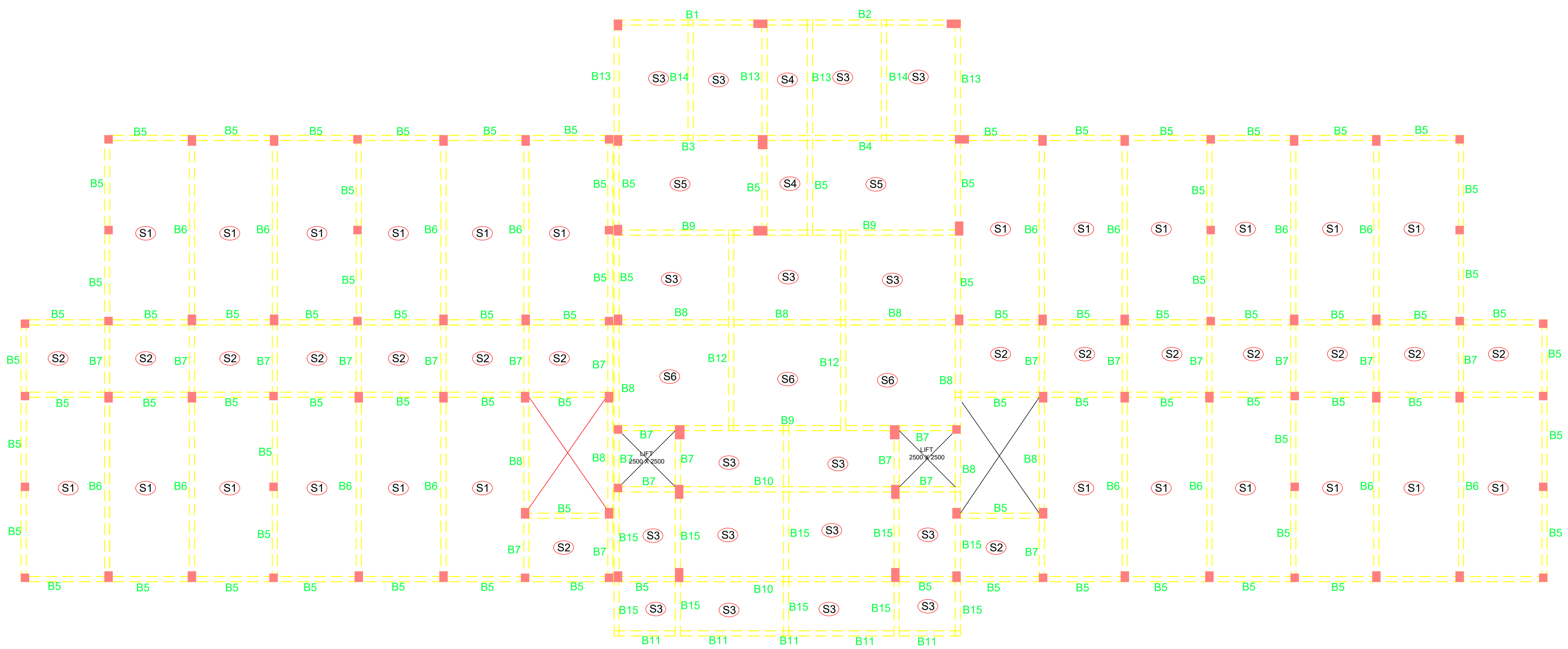
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 Mail: decapestudio@gmail.com



BEAM FRAMING PLAN & DETAIL OF FIRST FLOOR ROOF SLAB
 (i.e. slab at terrace lvl.)

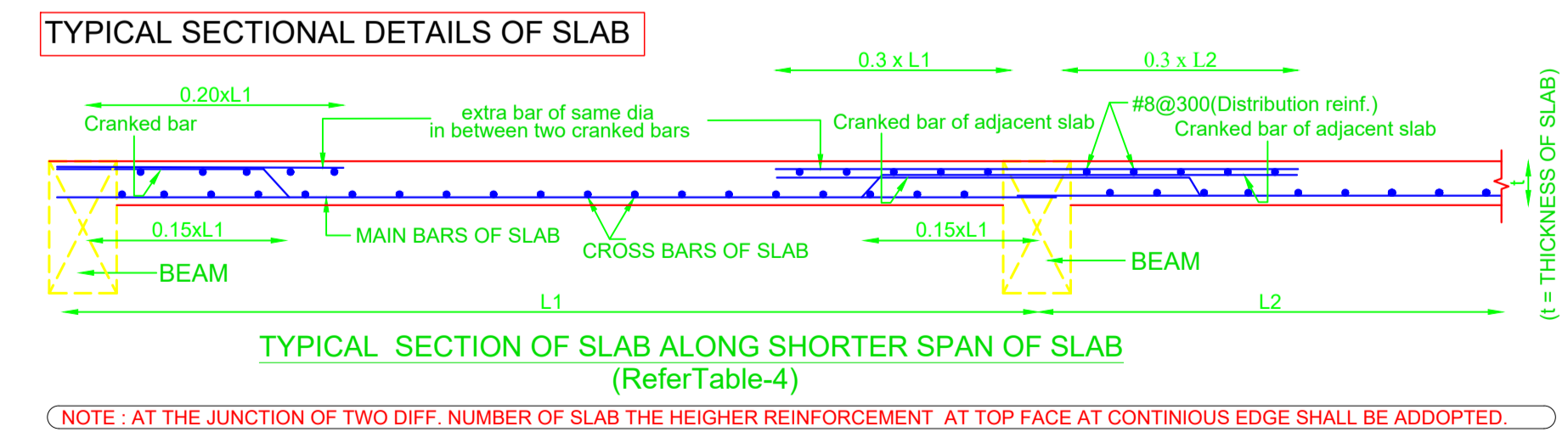
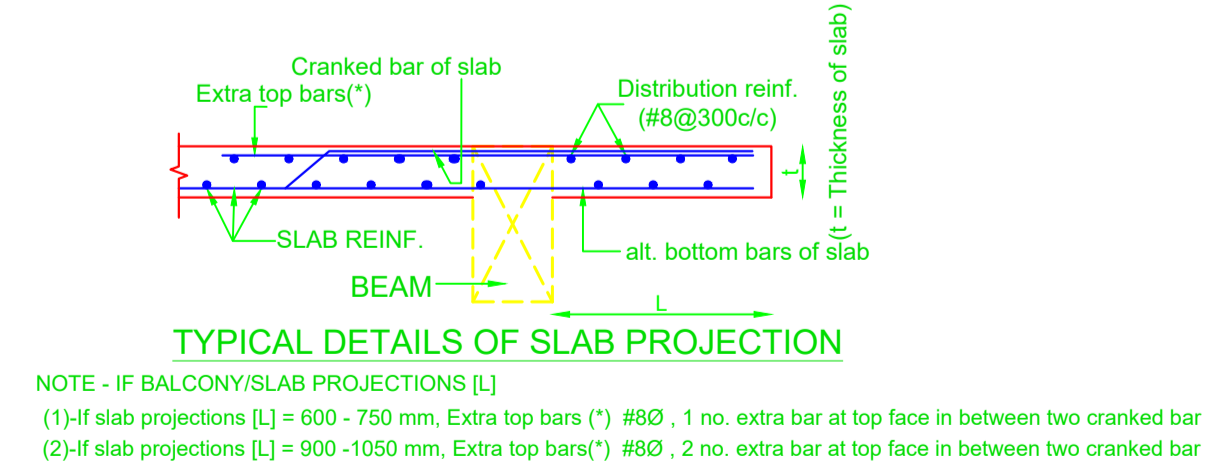


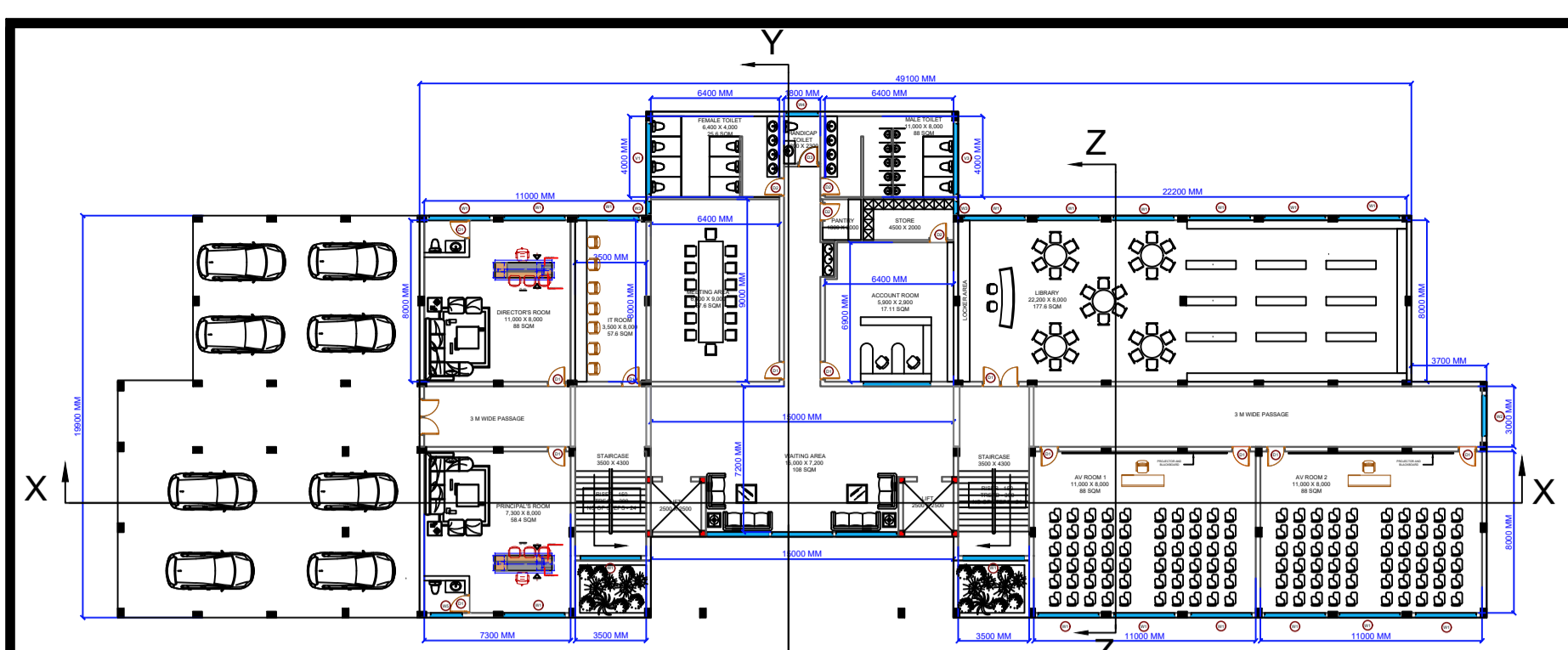
Table-4, Details of slab reinforcement

SR. NO.	SLAB NO.	Thickness (MM)	REINFORCEMENT	
			MAIN BARS Along shorter span	CROSS BARS Along longer span
1	S1	135	#10@125c/c	#10@175c/c
2	S2	135	#8@175c/c	#8@175c/c
3	S3	135	#10@150c/c	#8@175c/c
4	S4	135	#8@175c/c	#8@200c/c
5	S5	135	#10@150c/c	#10@175c/c
6	S6	135	#10@125c/c	#10@125c/c

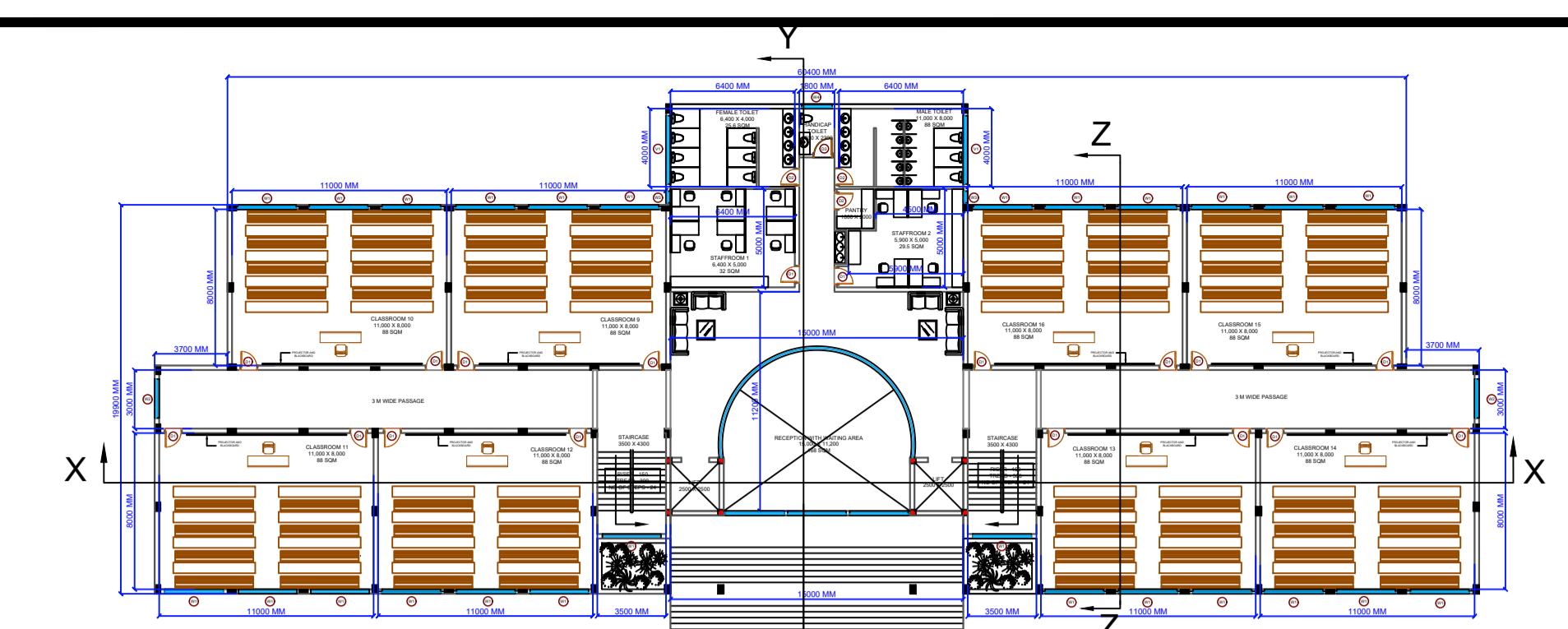
Note - for reinforcement in cantiliver balcony/ projections refer typ. detail of slab projection



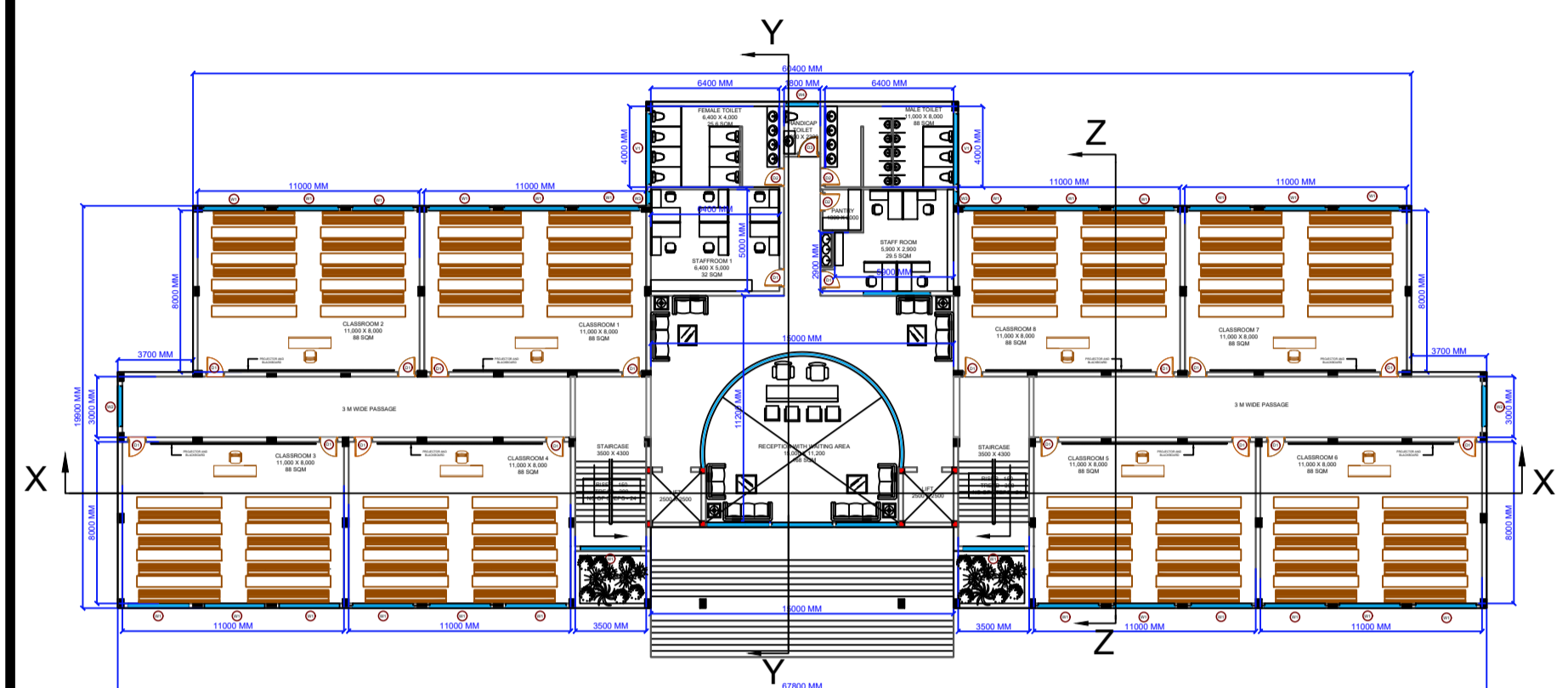
NOTE - IF BALCONY/SLAB PROJECTIONS [L]
 (1)-If slab projections [L] = 600 - 750 mm, Extra top bars (*) #8Ø, 1 no. extra bar at top face in between two cranked bar
 (2)-If slab projections [L] = 900 -1050 mm, Extra top bars(*) #8Ø, 2 no. extra bar at top face in between two cranked bar



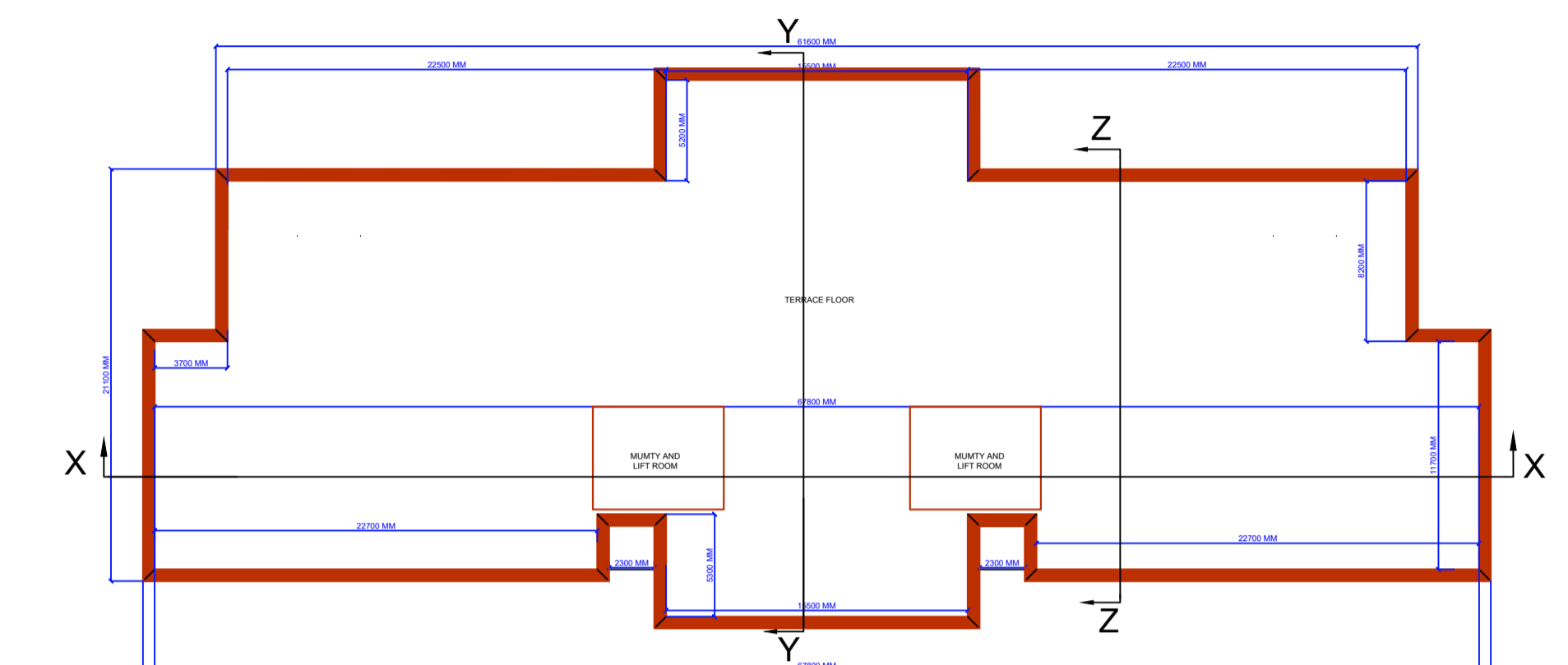
GROUND FLOOR



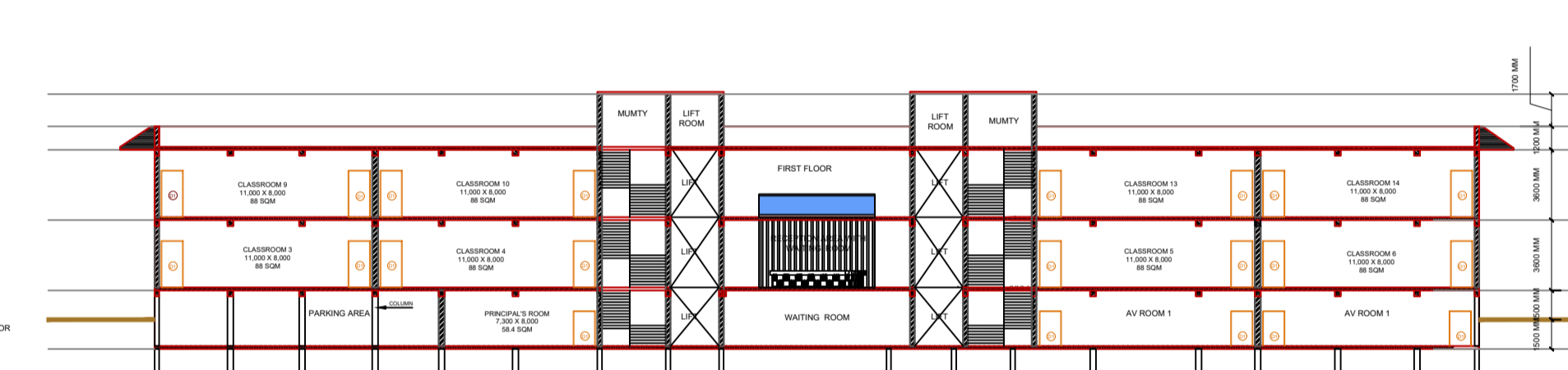
SECOND FLOOR



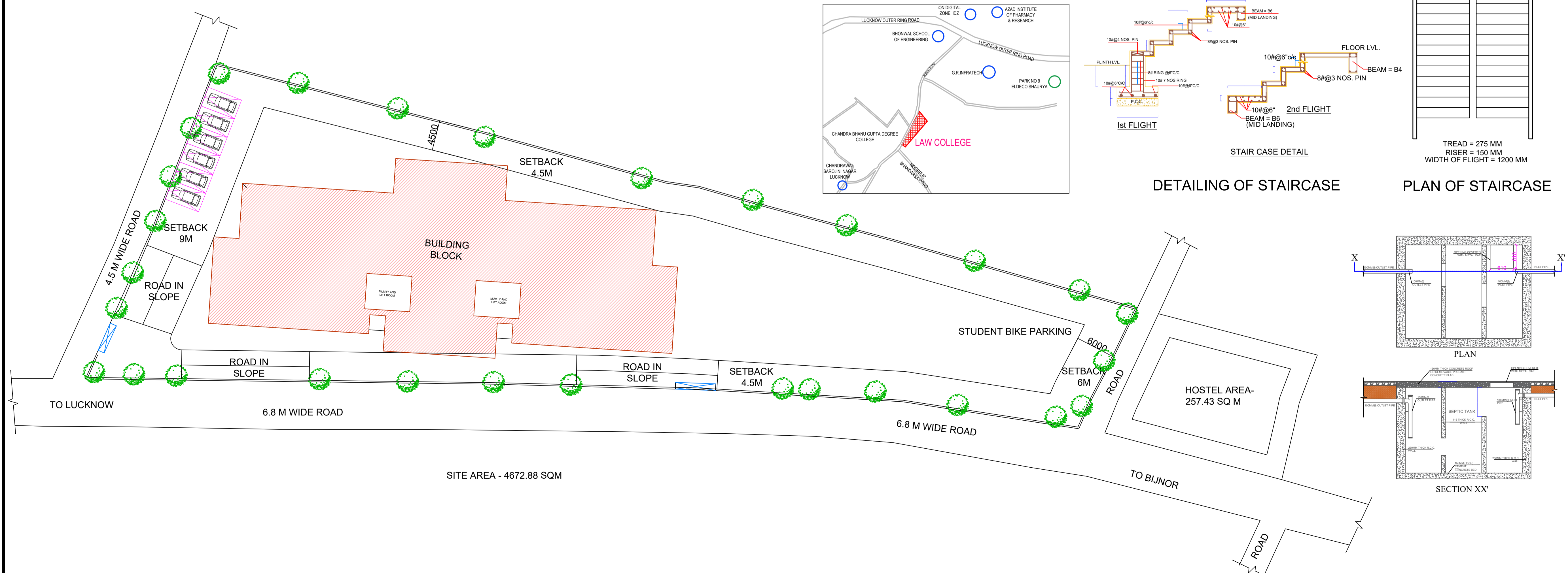
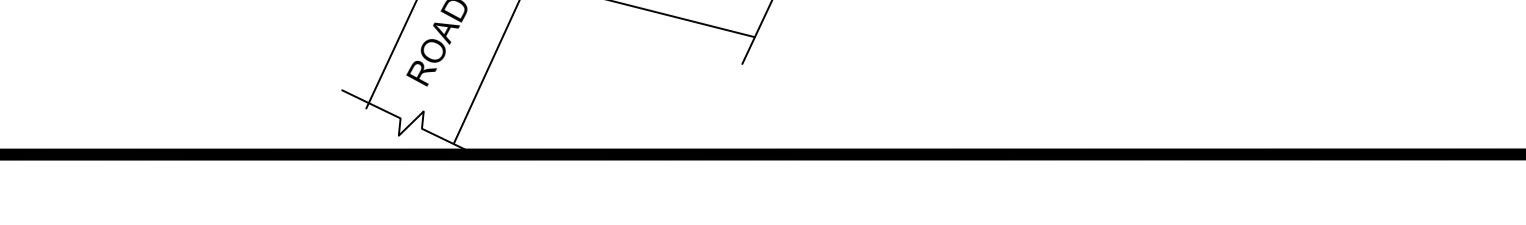
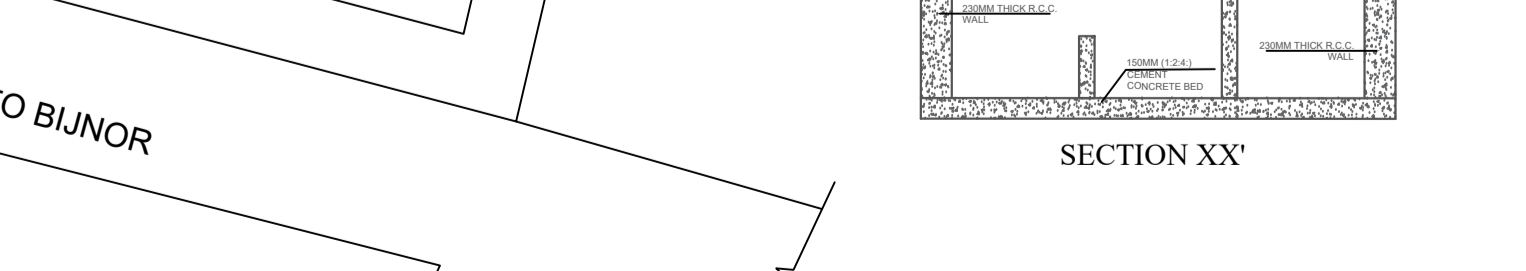
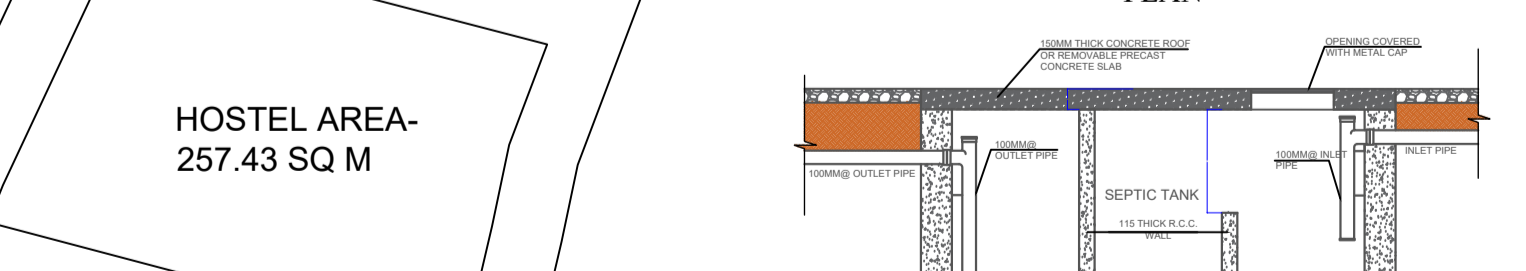
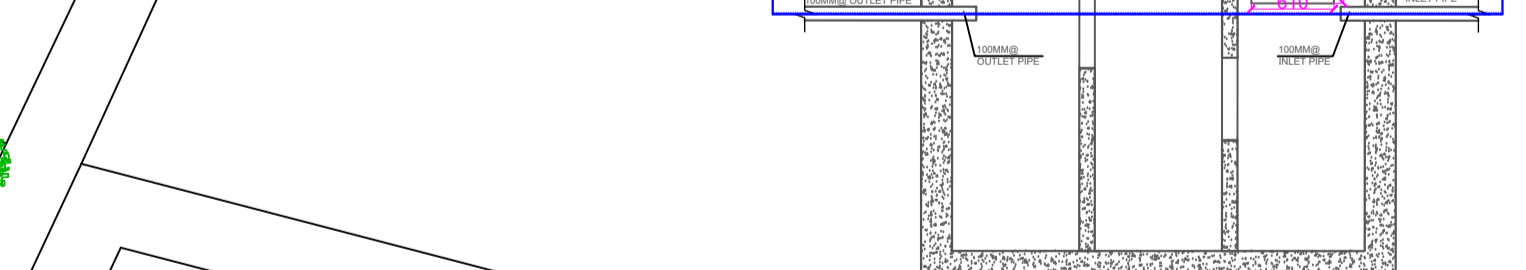
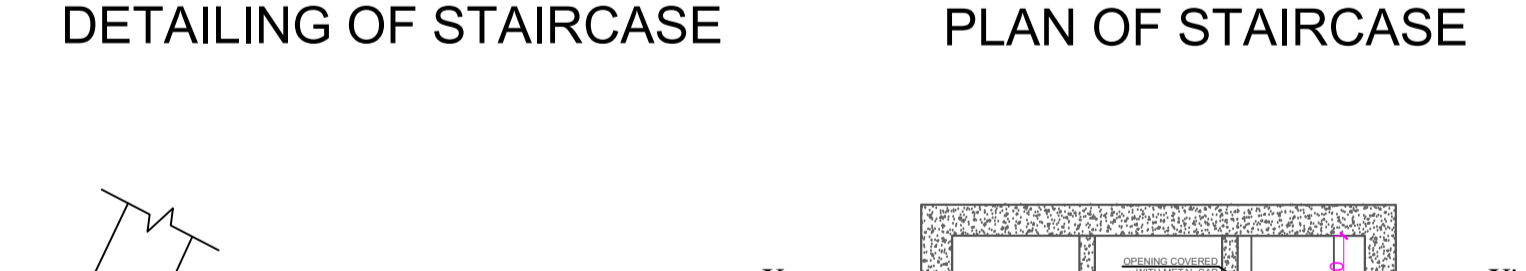
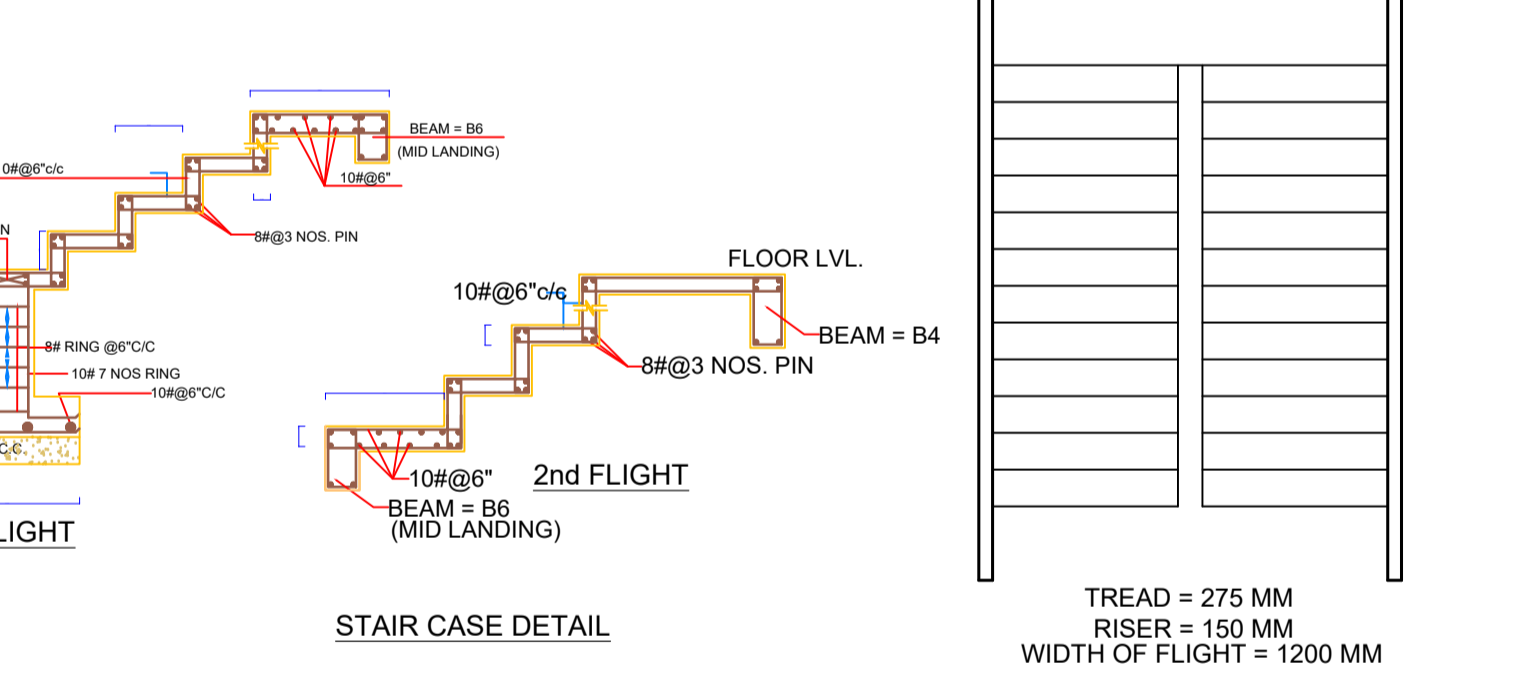
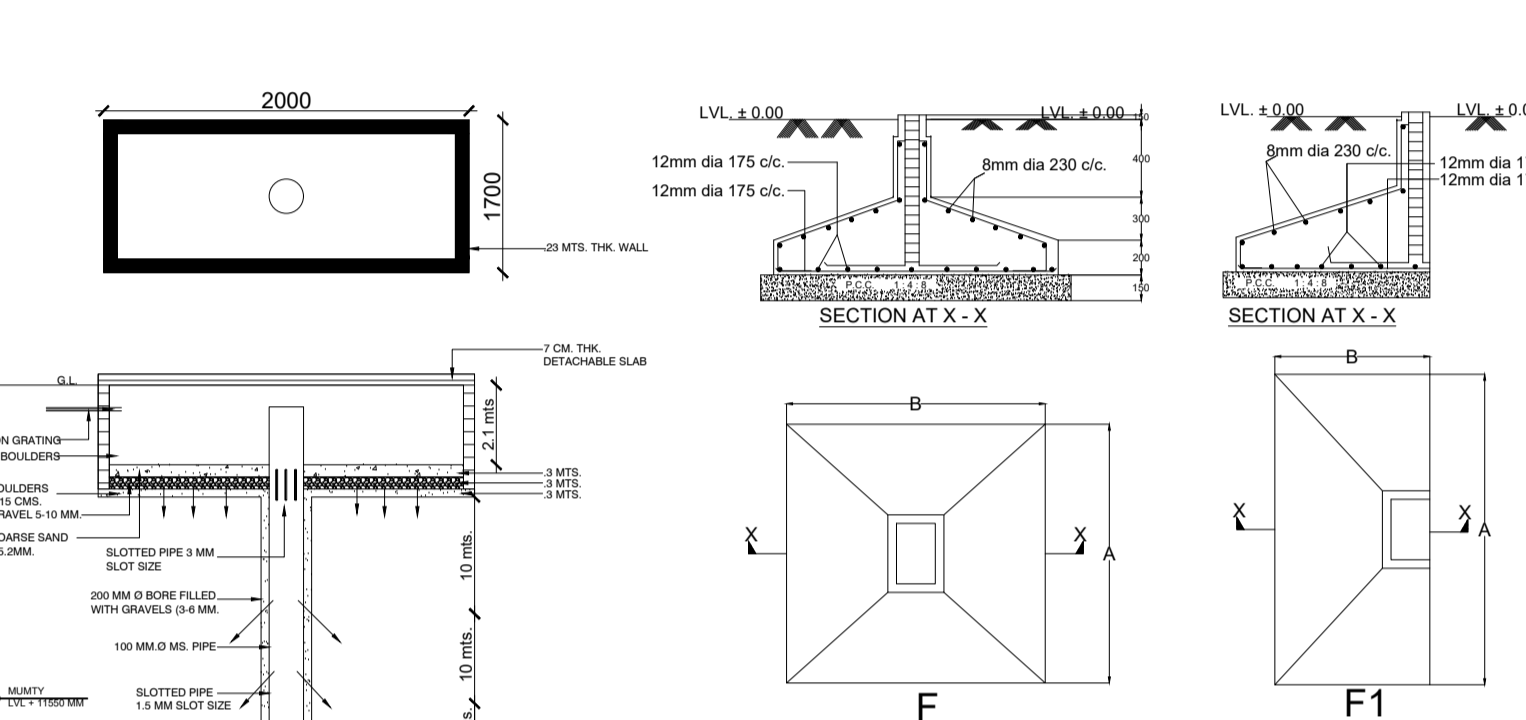
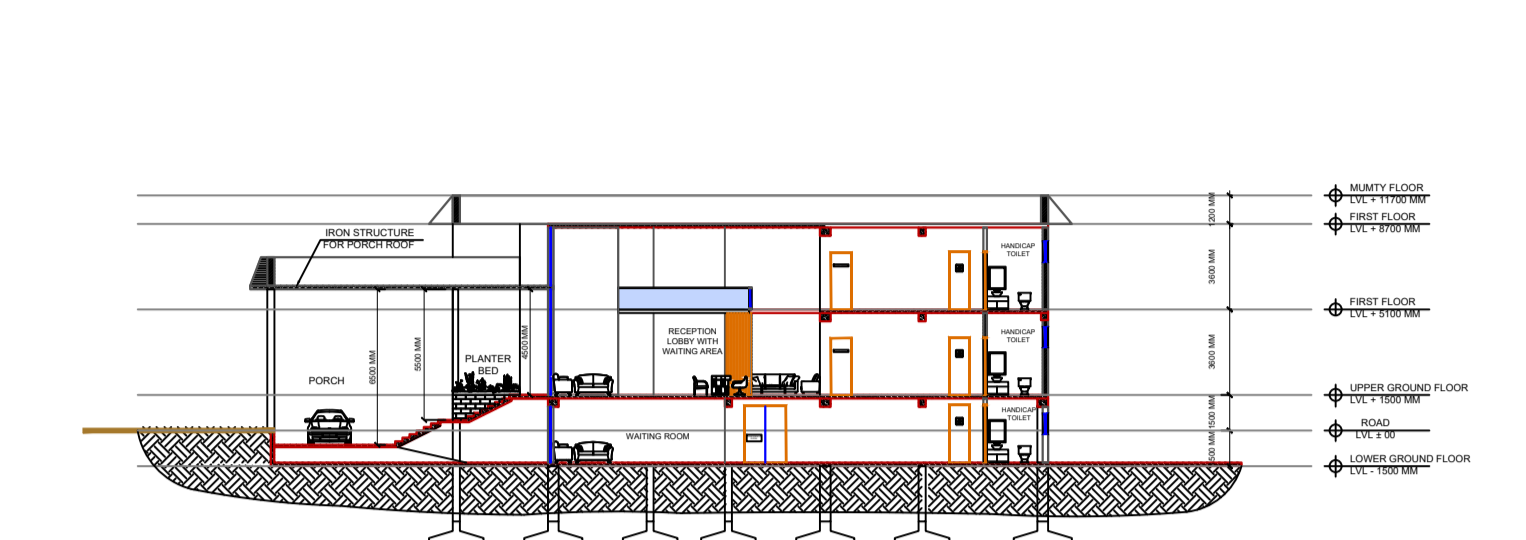
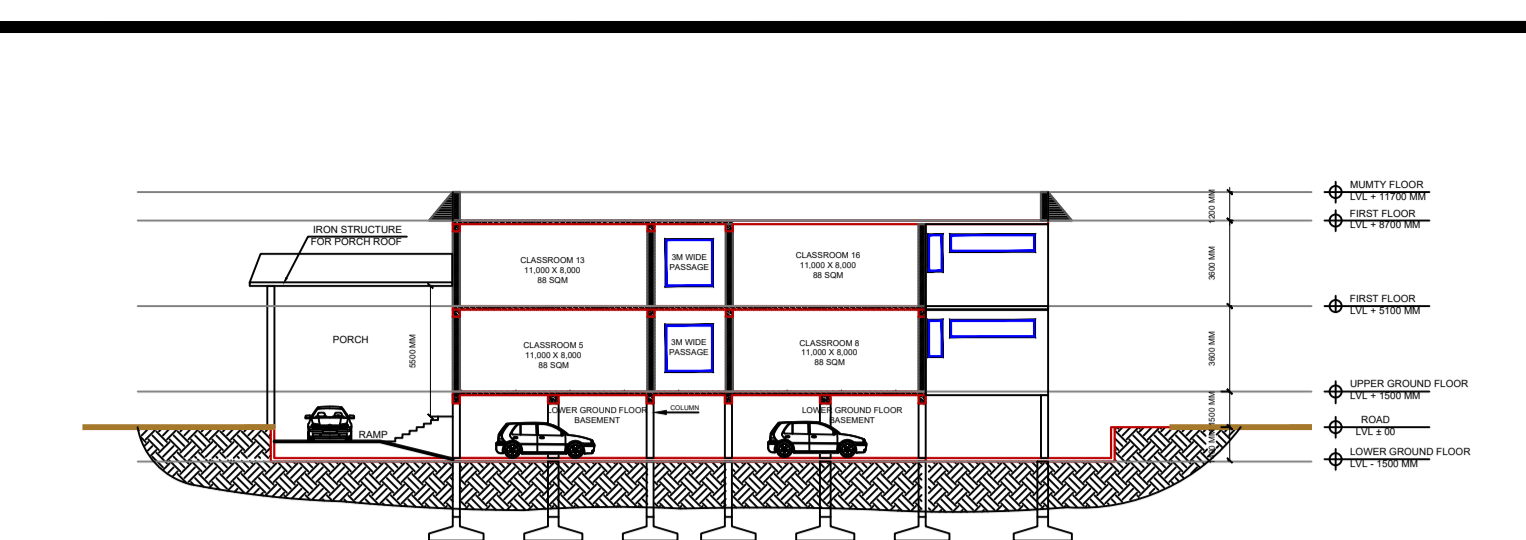
FIRST FLOOR



TERRACE FLOOR



SECTION



SITE AREA - 4672.88 SQM

PROJECT:
Proposed Chandrabhan
Gupt Law Coolege Bharat
Seva Sansthan at
Chandrawal,
Bijnour Road, Lucknow

NOTE:

- This drawing is a property of De:Ca+Pe Studio and is not to be reproduced copied or handed over in any form expect for the purpose for which it is intended.
- All dimension are in millimeter except where mentioned.
- All discrepancies to be brought to the notice of the Architect and resolved before commencement of any architectural design work.
- The designing and planning part of the project is done by "DE+CAPE STUDIO" except the structure of the building.
- The proposed structure is using for the educational building.

AREA STATEMENTS:

TOTAL AREA OF PLOT	- 4,672.88 SQ.MT
ACHIEVED AREA GROUND FLOOR	- 1,042.25 SQ.MT
ACHIEVED AREA FIRST FLOOR	- 1,305.52 SQ.MT
ACHIEVED AREA SECOND FLOOR	- 1,305.52 SQ.MT
ACHIEVED AREA MURTY	- 70.57 SQ.MT
ACHIEVED COVERED AREA ON PORCH	- 96.44 SQ.MT
ACHIEVED HEIGHT BUILDING	- 11.60 MT

TOTAL BUILTUP AREA - 3672.89 SQ.MT
ACHIEVED F.A.R. - 0.78
PERMISSIBLE F.A.R. - 1
TOTAL GROUND COVERAGE ACHIEVED (BUILDING + GUARD ROOM) - 28.10 %
PERMISSIBLE GROUND COVERAGE - 30 %

DETAILS OF OPENINGS

NAME	SYMBOL	SIZE	SILL LVL	LINTEL LVL
SINGLE FLUSH	(S)	1150 X 2400	...	2400
SINGLE FLUSH	(S)	900 X 2100	...	2100

WINDOWS

WINDOW	SIZE	SILL LVL	LINTEL LVL
(W)	2000 X 2000	800	2400
(W)	2000 X 1600	800	2400
(W)	3400 X 600	1800	2400
(W)	1500 X 800	1600	2400

VENTILATORS

VENTILATOR	SIZE	SILL LVL	LINTEL LVL
(V)	3400 X 600	1800	2400

OWNER / CLIENT:
CHANDRABHAN GUPT LAW COLLEGE

ARCHITECTURAL CONSULTANT AR. GAURAV GUPTA
PLUMBING CONSULTANT NORTH:
STRUCTURAL CONSULTANT:

DRAWING TITLE:
SUBMISSION DRAWING

DRAWING NO:- 01

DRAWN BY: AR. AJITA CHAND
CHKD BY: AR. GAURAV GUPTA
DATE: 14.08.2024
SCALE-
PAPER SIZE - A0

CLIENT SIGN:

OFFICE STAMP:

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