

SCHEDULE OF FOOTINGS & COMBINED FOOTING

FOOTING NO.	EXCAVATION SIZE	PCC THK.	FOOTING SIZE	FOOTING DEPTH	REINFORCEMENT ALONG SHORT UPPER TIER	LONG LOWER TIER	REMARKS
CF1							

1. SAFE BEARING CAPACITY OF SOIL

S.B.C. OF SOIL FOR DESIGN OF FOUNDATION HAS BEEN TAKEN AS SPECIFIED. MINIMUM DEPTH SHALL BE UP TO HARD STRATA. IN CASE OF ANY DOUBT REGARDING S.B.C. DURING EXCAVATION, THE MATTER SHALL BE REPORTED TO THE GEO-TECH. CONSULTANT.

2. REINFORCING STEEL

U.N.O. ALL REINFORCEMENT SHALL BE OF HIGH STRENGTH DEFORMED BARS OF SPECIFIED GRADE CONFORMING TO IS:1786 ALL REINFORCING STEEL TO BE OF TESTED QUALITY.

3. CONCRETE

U.N.O. CONCRETE MIX FOR ALL ELEMENT SHALL BE OF SPECIFIED GRADE CONFORMING IS: 456-2000.

4. P.C.C.

PLAIN CEMENT CONCRETE M-10

5. COVER

U.N.O. IN THE DWG. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS :-
 (1) FOOTING (50 mm) (3) BEAM (25 mm)
 (2) COLUMN (40 mm) (4) SLAB (20 mm)
 OR DIA. OF BAR WHICHEVER IS GREATER.

GENERAL NOTES

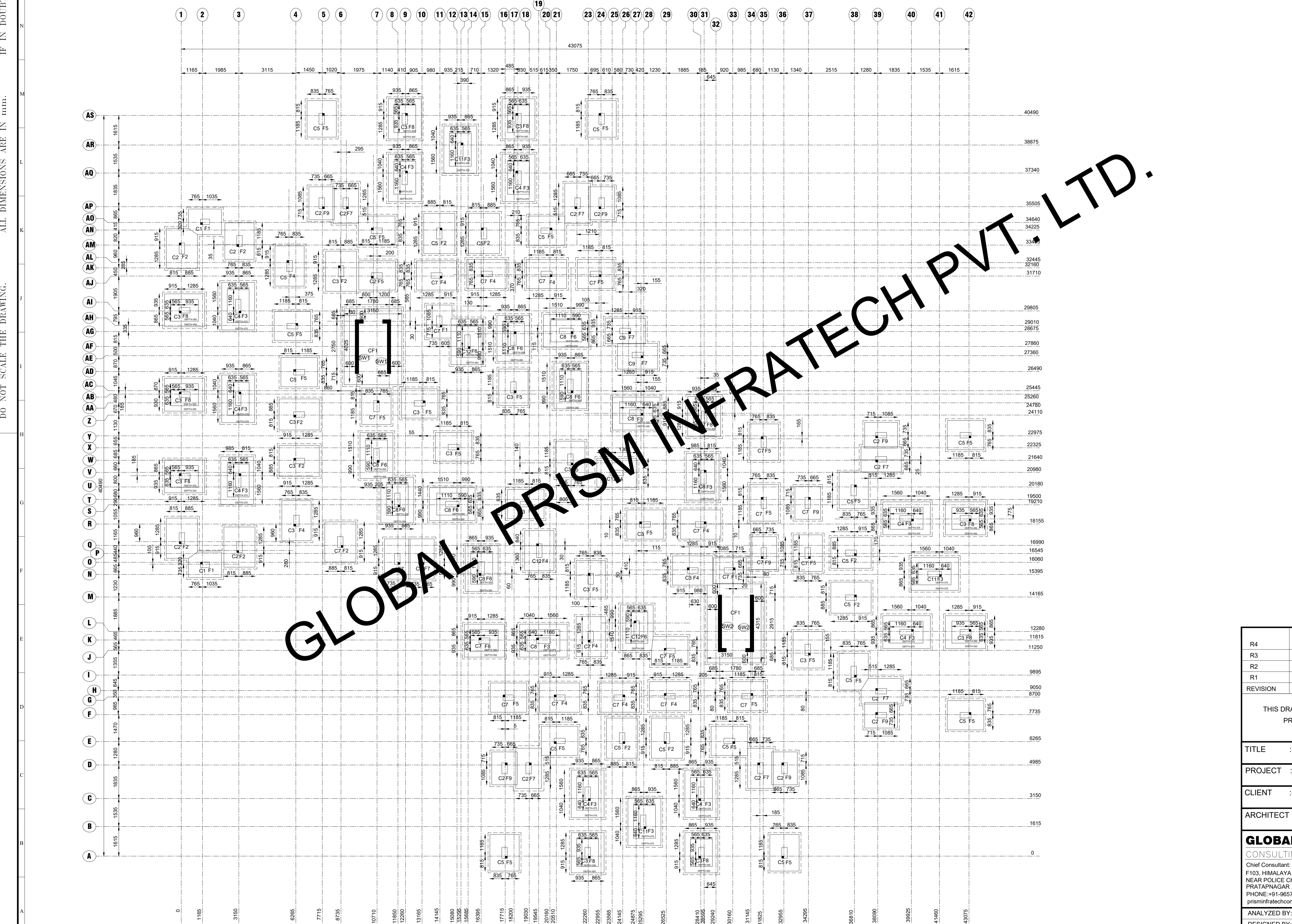
- EXTRA TOP OR BENT-UP BARS SHALL BE EXTENDED UP TO 0.3L IN ADJACENT SPAN OVER A CONTIGUOUS SUPPORT, AND ANCHOR DOWN AT END SUPPORT.
- AT BEAM & COLUMN JUNCTION, BEAM BARS IF IN CONFLICT WITH COLUMN BARS SHALL BE GRADUALLY BENT & PLACED CLEAR OFF COLUMN BARS. UNDER NO CIRCUMSTANCES COLUMN VERTICAL BARS SHALL BE BENT TO ACCOMMODATE BEAM BARS.
- CONFINING STIRRUPS IN BEAM COLUMN JUNCTION SHALL BE PROVIDED AT THE SPACING INDICATED. HOWEVER IF BEAMS ARE CONNECTED ON ALL THE FOUR DIRECTIONS / SIDES OF COLUMN, THE SPACING OF LATERAL TIES IN COLUMN SHOULD BE DOUBLED. (ONLY AT BEAM COLUMN JUNCTION TIES IN COLUMN SHOULD BE DOUBLED.)
- RINGS/STIRRUPS SIZE IN COLUMN IS SAME BELOW AND ABOVE G.L.
- U.N.O. MINIMUM LAP LENGTH SHALL BE 50 TIMES OF BAR DIAMETER OF SMALLER BAR AT ANY SECTION.
- NOT MORE THAN 50% OF BARS SHALL BE LAPPED AT A SECTION. THE LOCATION OF LAPPING SHALL BE AVOIDED AS FOLLOWS :-
 (a) FOR FLOOR BEAM/SLAB CLOSE TO MID SPAN IN BOTTOM BARS & CLOSE TO SUPPORT IN TOP BARS.
 (b) FOR FOUNDATION BEAM/RAFT LAPS CLOSE TO MID SPAN IN TOP BARS & CLOSE TO SUPPORT IN BOTTOM BARS.
- IN HANGERS LAPPING OF BARS IS NOT PERMITTED BET. FLOORS
- STIRRUPS FOR CANTILEVER BEAMS TO HAVE HOOK AT BOTTOM.
- REMARK "4 LEGGED" MEANS AT ALL LOCATIONS U.N.O.
- USE OF NEEDLE VIBRATOR AND PLASTISIZER RECOMMENDED FOR R.C.C. WORK.
- USE DENSIFIED COATED PLYWOOD FOR SHUTTERING & FORMWORK.
- BURNT OIL NOT PERMITTED FOR DE-SHUTTERING.
- BOTTOM OF ALL OUTER BEAM SHALL BE 150MM BELOW GROUND LVL AND SHOULD HAVE CLEAR AIR GAP OF 150MM FOR B.C. SOIL STRUCTURE.
- TOP OF ALL INNER BEAMS & OUTER BEAMS AT SAME FINISHED PLINTH LEVEL.
- PLINTH BEAMS SHALL BE CASTED ONLY BY USING BOTTOM SHUTTERING PREPARED BOTTOM BY BRICK WORK OR PCC IS NOT RECOMMENDED FOR CASTING PLINTH BEAMS.
- CURING :-
 EXPOSED SURFACE OF CONCRETE SHALL BE KEPT CONTINUOUSLY IN WET CONDITION MINIMUM FOR 14 DAYS.
- CUTOUT OPENING :-
 ANY TYPE OF OPENINGS FOR PLUMBING, DRAINAGE OR ELECTRICAL NOT PERMITTED IN R.C.C. BEAMS AND COLUMNS DURING OR AFTER CASTING.
- SLEEVE :-
 FOR SLEEVES PROVIDE ADDL TWO RINGS SPACED @ 75MM C/C ON EITHER SIDE OF IT.
- U.N.O. IN THE DWG. CONSTRUCTION JOINT SHOULD BE APPROVED BY ENGINEER AT SITE.
 CONSTRUCTION JOINT SHOULD BE AT QUARTER SPAN OF BEAM AND SLAB. IN NO CONDITION SHOULD BE AT THE SUPPORT.
- DO NOT SCALE THE DWG. ONLY WRITTEN DIMENSION ARE TO BE FOLLOWED.
- ALL DIMENSIONS ARE IN MM, EXCEPT IN LAYOUT, LEVELS ARE IN METER.
- IN CASE OF ANY AMBIGUITY, PLEASE BRING IT TO THE NOTICE OF THIS OFFICE BEFORE EXECUTION OF WORK.
- SHUTTERING & SCAFFOLDING IS AT THE RESPONSIBILITY OF CONTRACTOR.
- STRIPPING TIME TABLE AS PER IS 456-2000.
- TOP BARS OF ALL CANTILEVER BEAM / SLAB SHOULD BE EXTENDED ON OPPOSITE SIDE UP TO 1.5 TIMES CANTILEVER PROJECTION UNDO.
- PROVIDE SLOPE 50MM TO 100 MM TO "CENTERING OF TERRACE SLAB" TOWARD RAIN WATER PIPES IN CONSULTATION WITH THE ARCHITECT TO AVOID STAGNATION OF THE WATER AT TERRACE AND AVOID LEAKAGES IN FUTURE. U.N.O. - UNLESS NOTED OTHERWISE.

IF IN DOUBT PLEASE ASK.

ALL DIMENSIONS ARE IN mm.

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FOUNDATION PLAN.

NOTE:-THIS CENTRE LINE DRAWING SHALL BE CHECKED AND APPROVED BY ARCHITECT BEFORE EXECUTION OF THE WORK AND IF ANY CHANGE TAKES PLACE PLEASE INFORM THIS OFFICE.

R4			
R3			
R2			
R1			
REVISION	DATE	DESCRIPTION	SIGN.

THIS DRAWING MUST NOT BE RETAINED, COPIED OR USED WITHOUT PRIOR CONSENT OF "GLOBAL PRISM INFRA TECH PVT. LTD."

TITLE :- R. C. C. DETAIL OF FOUNDATION LVL

PROJECT :-

CLIENT :-

ARCHITECT :-

GLOBAL PRISM INFRA TECH PVT. LTD.
 CONSULTING ENGINEERS

Chief Consultant: Sawan Sakale
 F103, HIMALAYA ENCLAVE, PRATAP NAGAR CHOWK,
 NEAR POLICE CHAUKI
 PRATAPNAGAR, NAGPUR-440022.
 PHONE: +91-9657228715
 prisminftechconsultants@gmail.com

ANALYZED BY: SSS	SCALE:
DESIGNED BY: SSS	DATE: 31.01.2020
DRAWN BY: AS	DWG. NO.:
CHECKED BY: 1 SSS	ADVANCE COPY: <input checked="" type="checkbox"/>
SHEET 1 OF 7	G. F. C. :

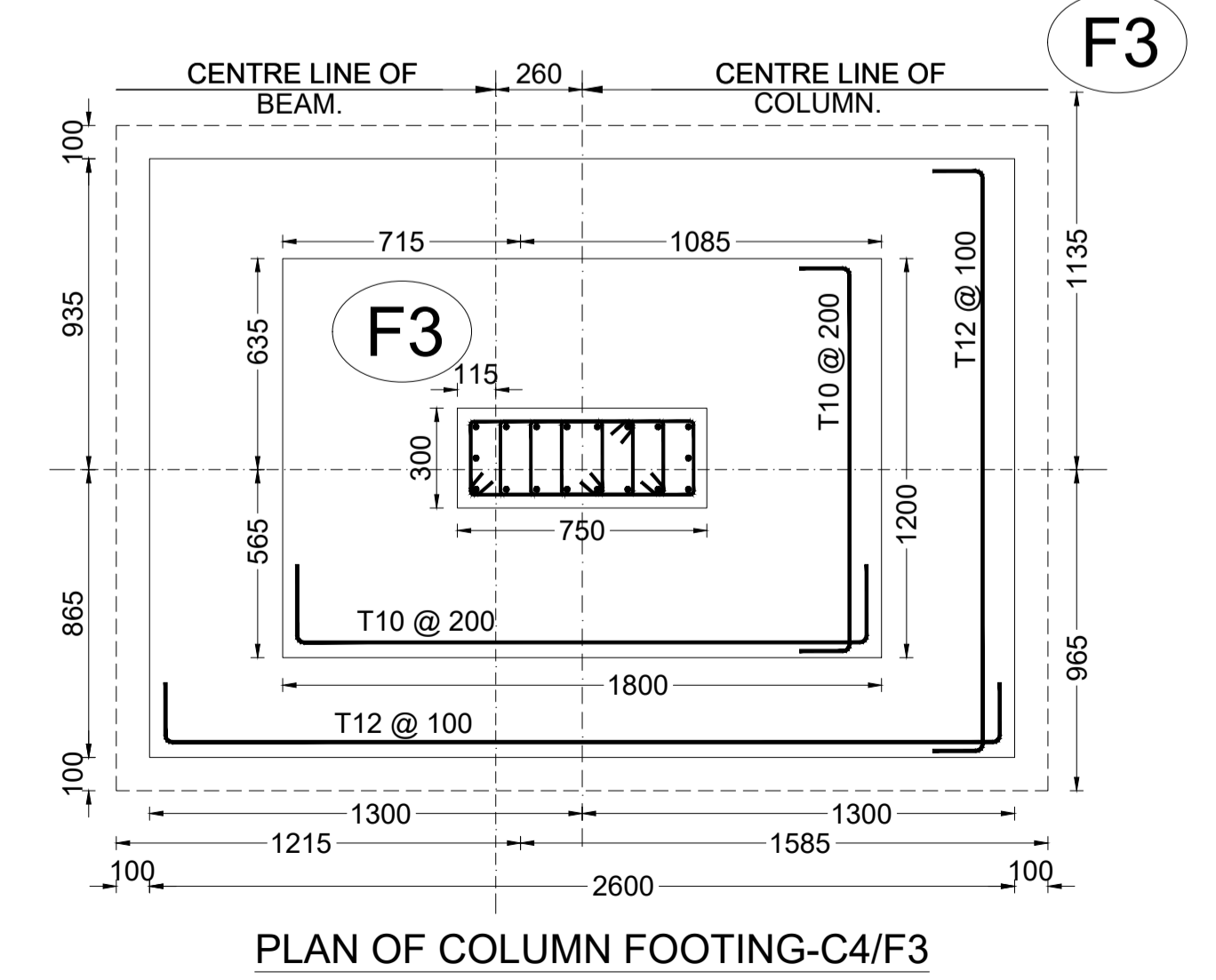
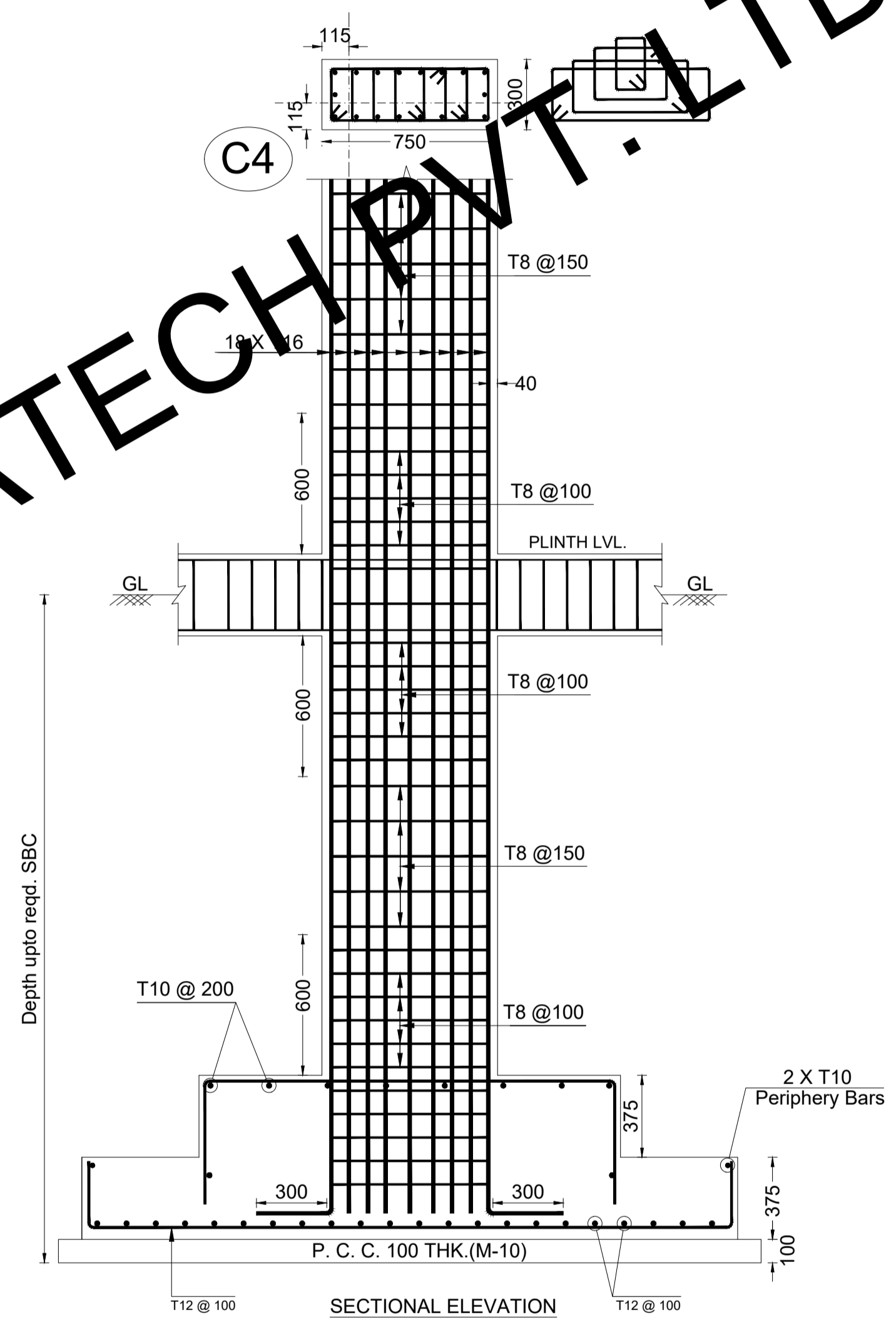
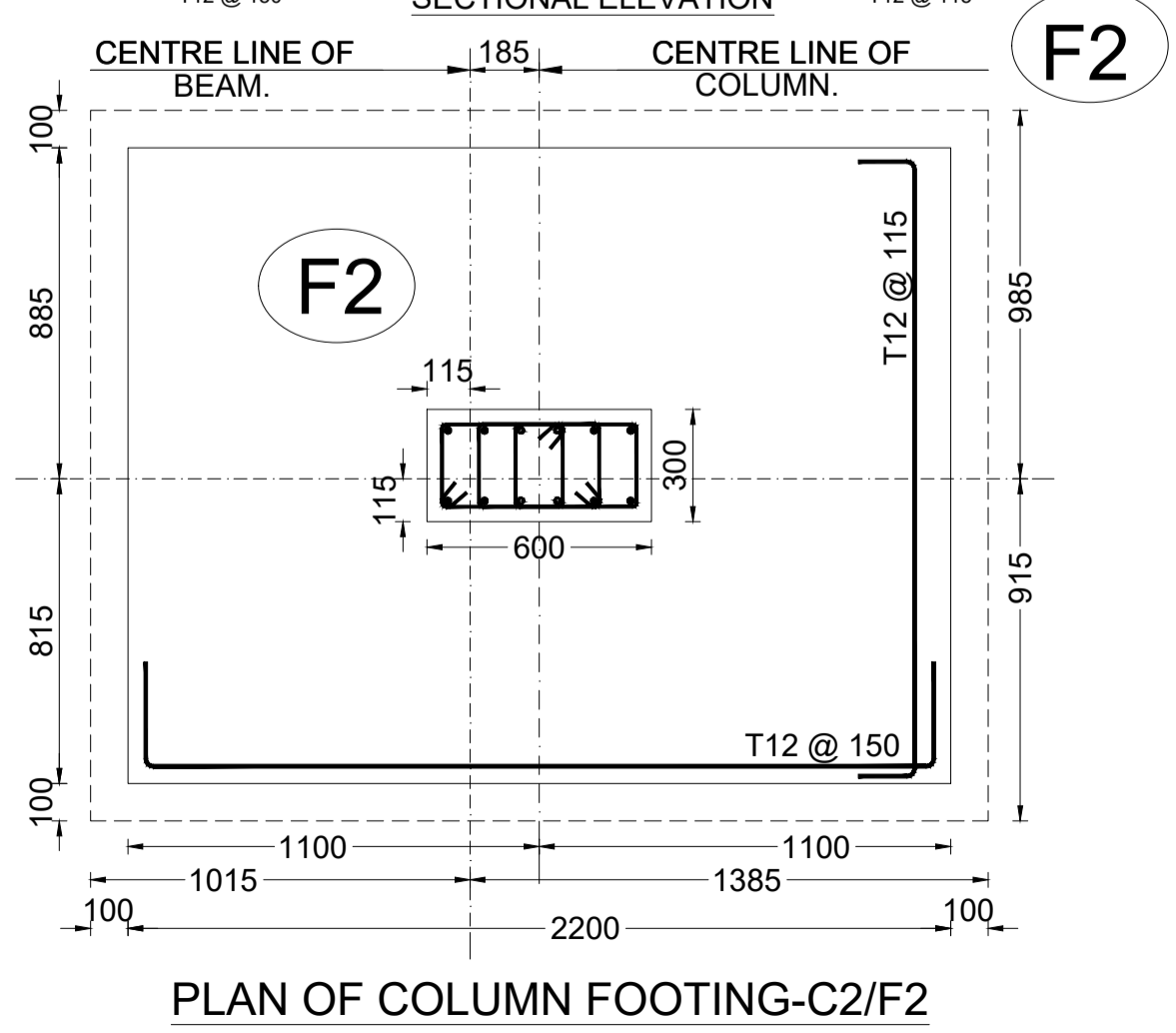
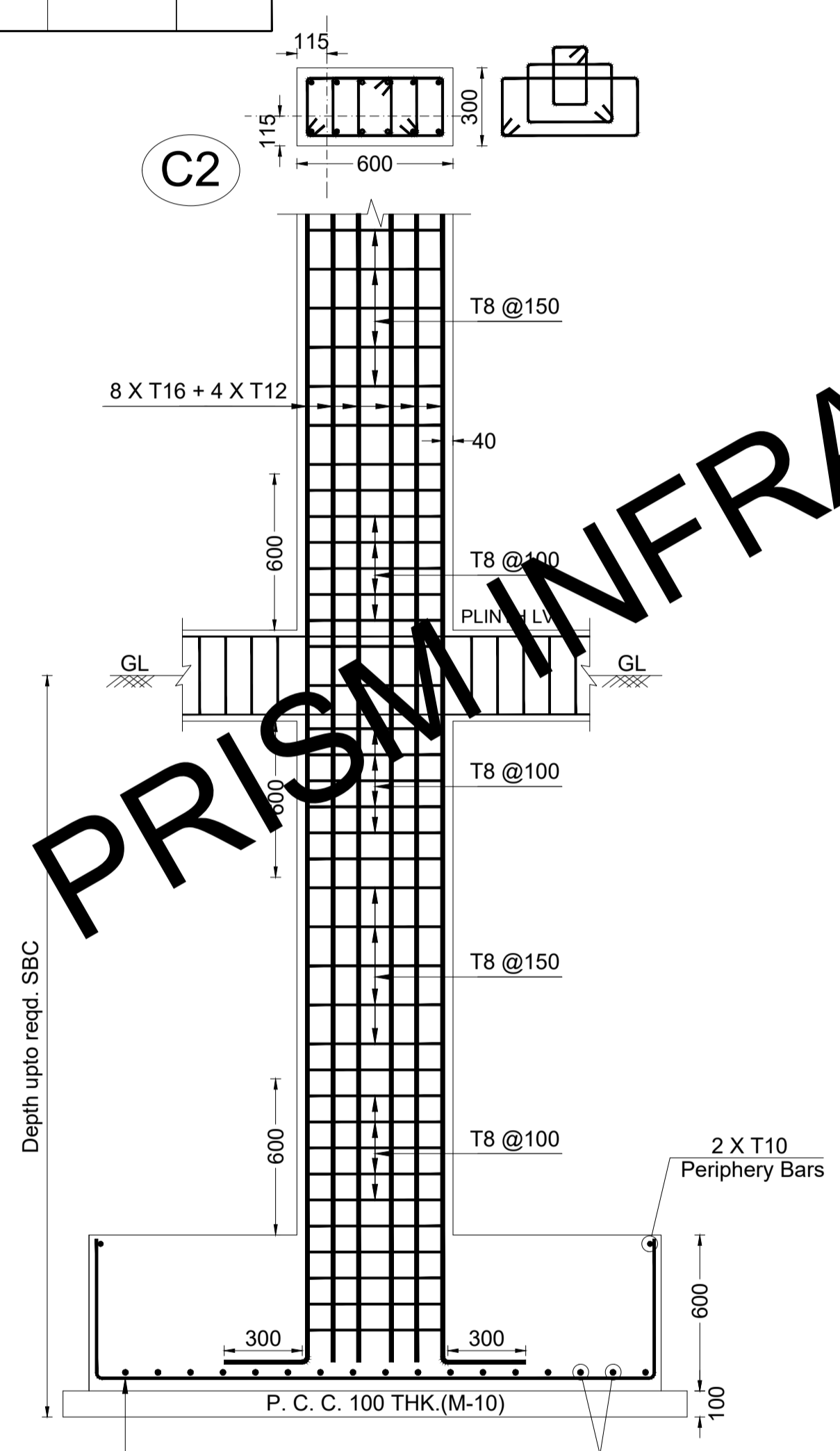
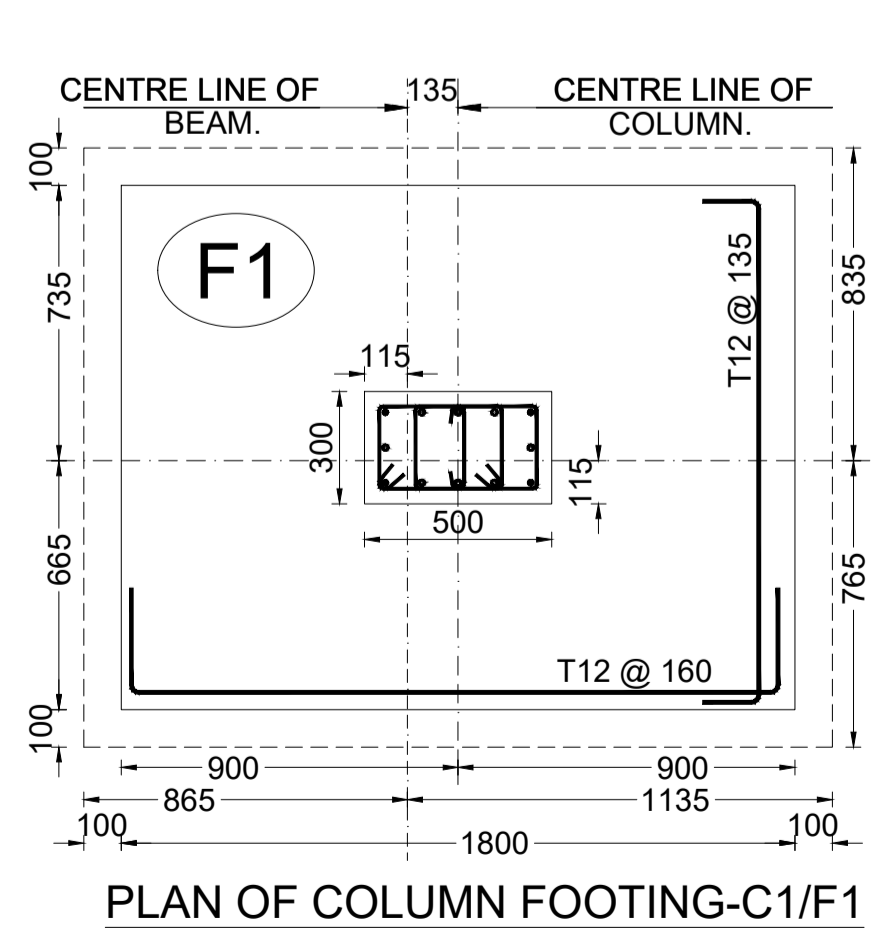
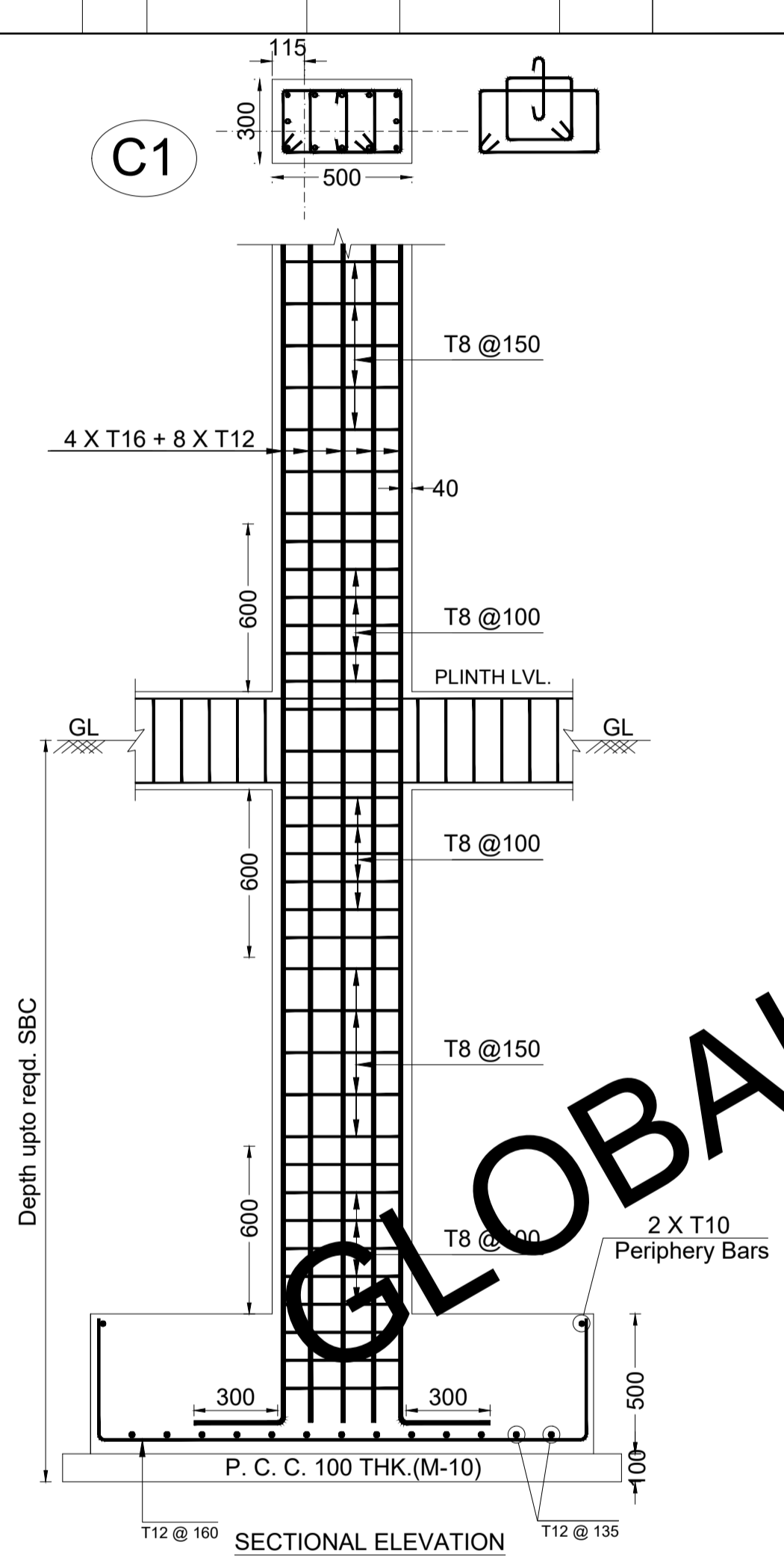
ALL DIMENSIONS ARE IN mm. DO NOT SCALE THE DRAWING. IF IN DOUBT PLEASE ASK.

CONCRETE MIX : M 25, GRADE OF STEEL : Fe 800

SCHEDULE OF FOOTINGS & COMBINED FOOTING							
FOOTING NO.	EXCAVATION SIZE	P.C.C. THK.	FOOTING SIZE	FOOTING DEPTH	REINFORCEMENT ALONG		REMARKS
					SHORT UPPER TIER	LONG LOWER TIER	
F1							
F2							
F4							
F5							
F7							
F9							

SCHEDULE OF STEP FOOTINGS										
FOOTING NO.	EXCAVATION SIZE	P.C.C. THK.	LOWER BLOCK		UPPER BLOCK		REINFORCEMENT ALONG			REMARKS
			FOOTING SIZE	FOOTING DEPTH	FOOTING SIZE	FOOTING DEPTH	SHORT UPPER TIER	LONG LOWER TIER	TOP MESH	
F3										
F6										
F8										

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GLOBAL PRISM INFRA TECH PVT. LTD.

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TITLE :- R. C. C. DETAIL OF FOUNDATION LVL			
PROJECT :-			
CLIENT :-			
ARCHITECT :-			
GLOBAL PRISM INFRA TECH PVT. LTD.			
CONSULTING ENGINEERS			
Chief Consultant: Sawan Sakale F103, HIMALAYA ENCLAVE, PRATAP NAGAR CHOWK, NEAR POLICE CHAUKI PRATAPNAGAR, NAGPUR-440022. PHONE+91-9657228715 prisminfatechconsultants@gmail.com			
ANALYZED BY: SSS	SCALE: -	DESIGNED BY: SSS	DATE: 31.01.2020
DRAWN BY: AS	DWG. NO.:	CHECKED BY: 1 SSS	ADVANCE COPY: <input checked="" type="checkbox"/>
SHEET 3 OF 7	G. F. C.:		

SCHEDULE OF COLUMNS

TERRACE FLOOR LEVEL (SEVENTH FLOOR ROOF) TO SEVENTH FLOOR LEVEL (SIXTH FLOOR ROOF)	SIZE	STEEL	LINKS																	
SEVENTH FLOOR LEVEL (SIXTH FLOOR ROOF) TO SIXTH FLOOR LEVEL (FIFTH FLOOR ROOF)	SIZE																			
	STEEL																			
SIXTH FLOOR LEVEL (FIFTH FLOOR ROOF) TO FIFTH FLOOR LEVEL (FOURTH FLOOR ROOF)	SIZE																			
	STEEL																			
FIFTH FLOOR LEVEL (FOURTH FLOOR ROOF) TO FOURTH FLOOR LVL (THIRD FLOOR ROOF)	SIZE																			
	STEEL																			
FOURTH FLOOR LVL (THIRD FLOOR ROOF) TO THIRD FLOOR LVL (SECOND FLOOR ROOF)	SIZE																			
	STEEL																			
THIRD FLOOR LVL (SECOND FLOOR ROOF) TO SECOND FLOOR LVL (FIRST FLOOR ROOF)	SIZE																			
	STEEL																			
SECOND FLOOR LVL (FIRST FLOOR ROOF) TO FIRST FLOOR LVL (GROUND FLOOR ROOF)	SIZE																			
	STEEL																			
FIRST FLOOR LVL (GROUND FLOOR ROOF) TO GROUND FLOOR LVL	SIZE																			
	STEEL																			
GROUND FLOOR LVL TO FOOTING	SIZE																			
	STEEL																			
LINKS																				
COLUMN NO.	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12								

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R4			
R3			
R2			
R1	----	-----	
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TITLE	:- COLUMN DETAILS		
PROJECT	:-		
CLIENT	:-		
ARCHITECT	:-		
GLOBAL PRISM INFRATECH PVT. LTD.			
CONSULTING ENGINEERS			
Chief Consultant: Sawan Sakale			
F103, HIMALAYA ENCLAVE, PRATAP NAGAR CHOWK,			
NEAR POLICE CHURCH			
PRATAPNAGAR, NAGPUR-440022			
PHONE:-91-9607228115			
prisminftechconsultants@gmail.com			
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SHEET	4 OF 7	G. F. C. :	-----

SCHEDULE OF SHEAR WALLS

TERRACE FLOOR LEVEL (SEVENTH FLOOR ROOF) TO SEVENTH FLOOR LEVEL (SIXTH FLOOR ROOF)	SIZE		
	STEEL		
	LINKS		
SEVENTH FLOOR LEVEL (SIXTH FLOOR ROOF) TO SIXTH FLOOR LEVEL (FIFTH FLOOR ROOF)	SIZE		
	STEEL		
	LINKS		
SIXTH FLOOR LEVEL (FIFTH FLOOR ROOF) TO FIFTH FLOOR LEVEL (FOURTH FLOOR ROOF)	SIZE		
	STEEL		
	LINKS		
FIFTH FLOOR LEVEL (FOURTH FLOOR ROOF) TO FOURTH FLOOR LVL (THIRD FLOOR ROOF)	SIZE		
	STEEL		
	LINKS		
FOURTH FLOOR LVL (THIRD FLOOR ROOF) TO THIRD FLOOR LVL (SECOND FLOOR ROOF)	SIZE		
	STEEL		
	LINKS		
THIRD FLOOR LVL (SECOND FLOOR ROOF) TO SECOND FLOOR LVL (FIRST FLOOR ROOF)	SIZE		
	STEEL		
	LINKS		
SECOND FLOOR LVL (FIRST FLOOR ROOF) TO FIRST FLOOR LVL (GROUND FLOOR ROOF)	SIZE		
	STEEL		
	LINKS		
FIRST FLOOR LVL (GROUND FLOOR ROOF) TO GROUND FLOOR LVL	SIZE		
	STEEL		
	LINKS		
GROUND FLOOR LVL TO FOOTING			
	SIZE	200 X 2750/450	200 X 2917/450
	STEEL	12 @ 100 c/c	12 @ 100 c/c
	LINKS	T8 @ 100-150	T8 @ 100-150
COLUMN NO.	SW1	SW2	

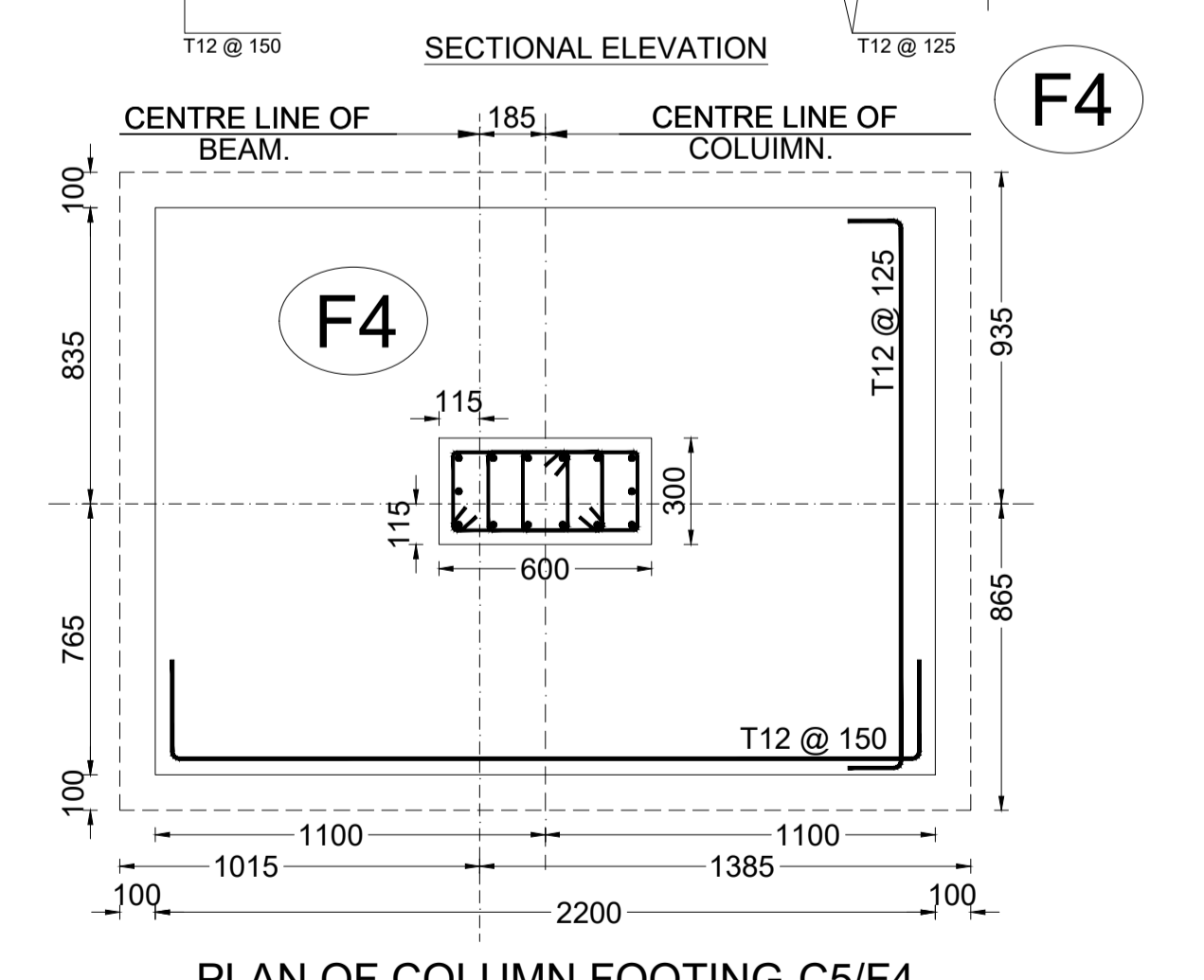
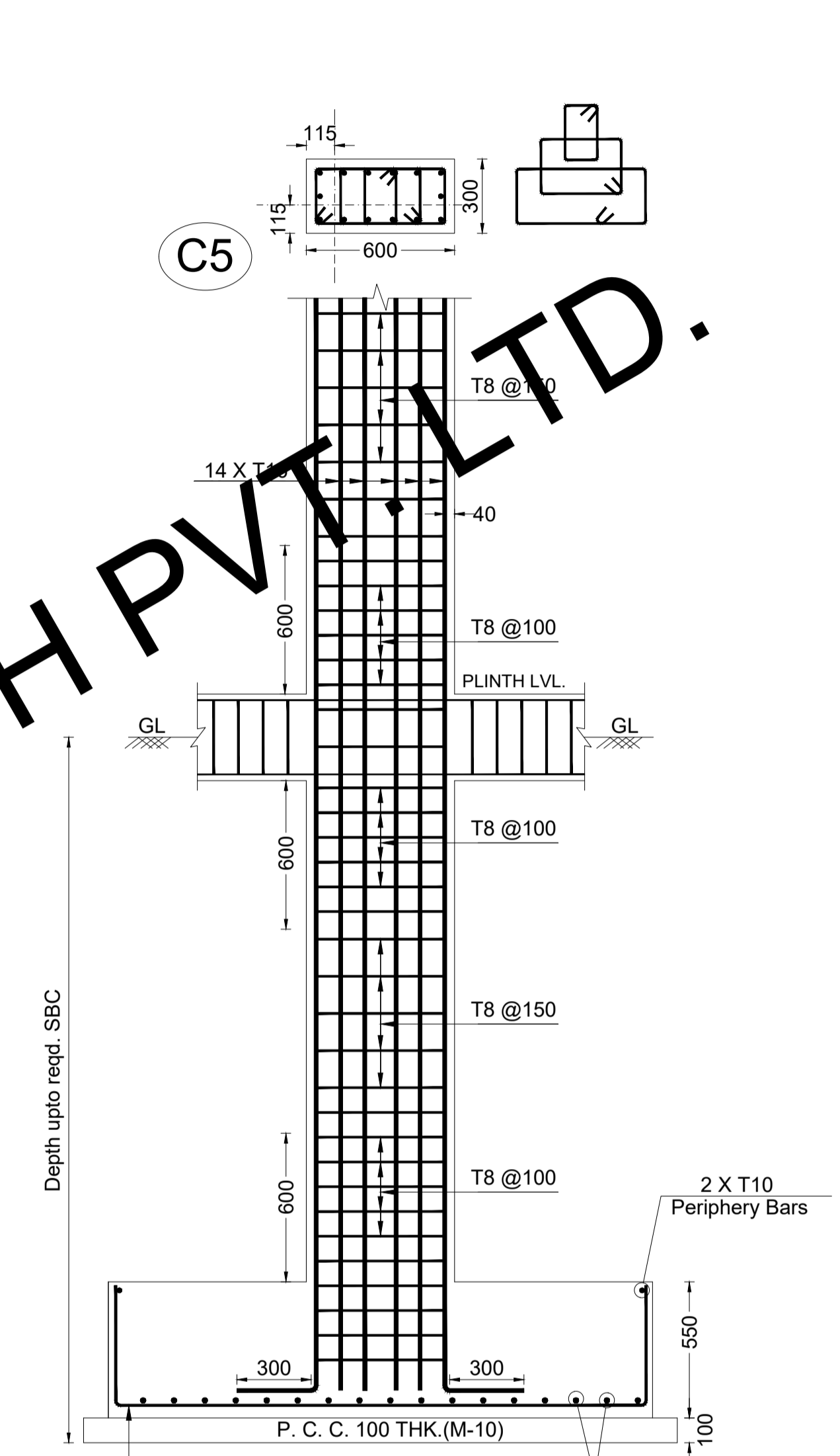
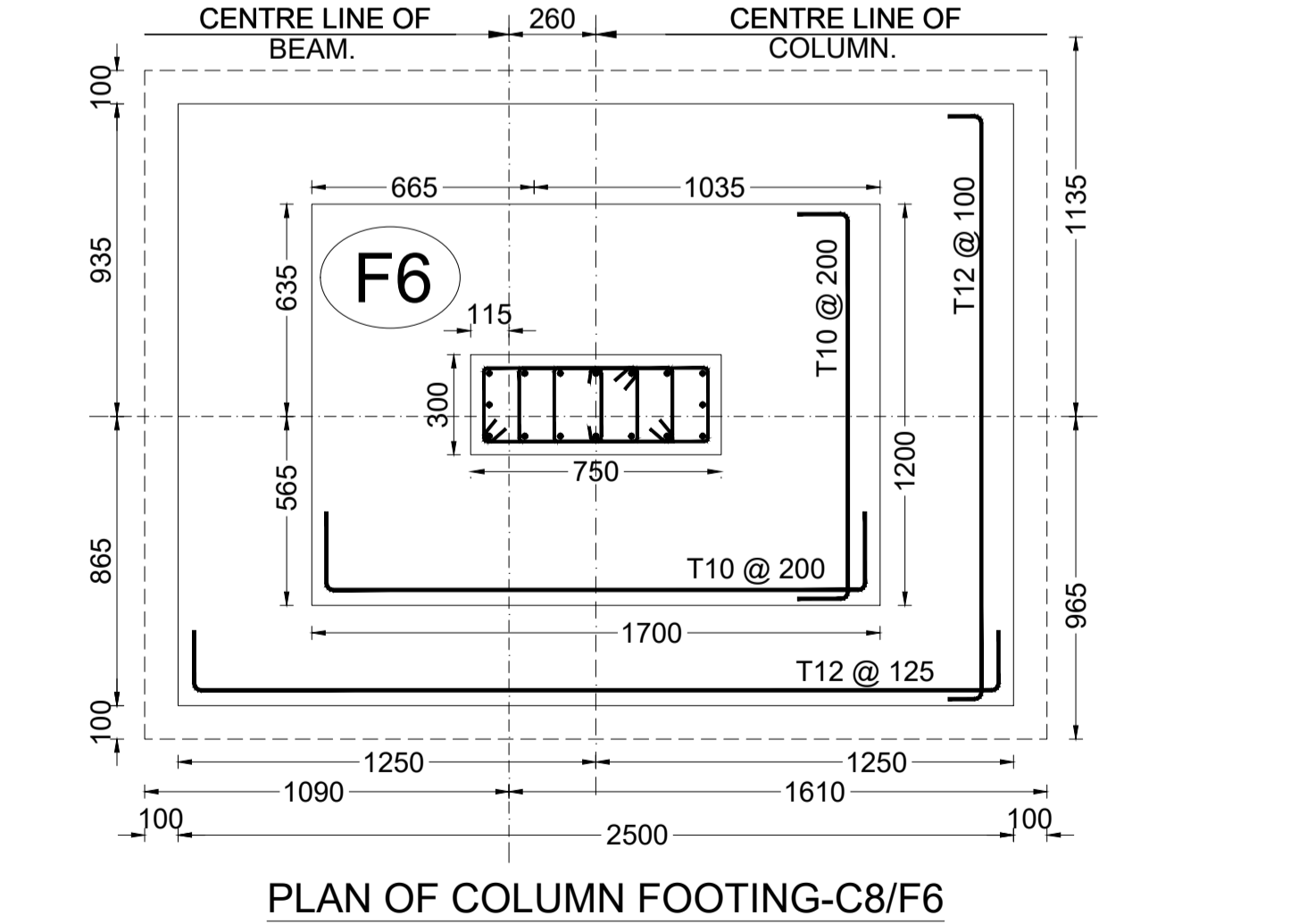
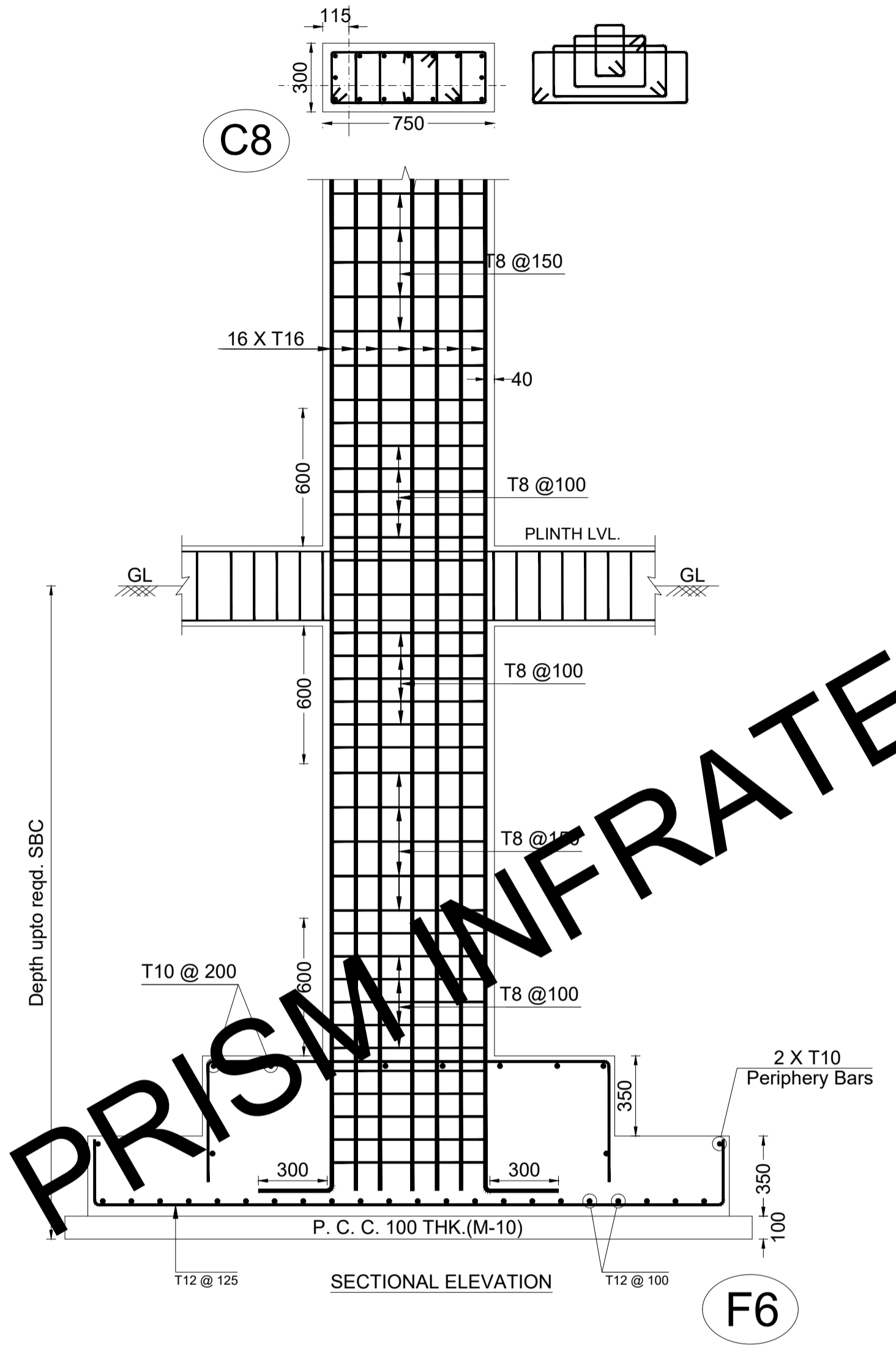
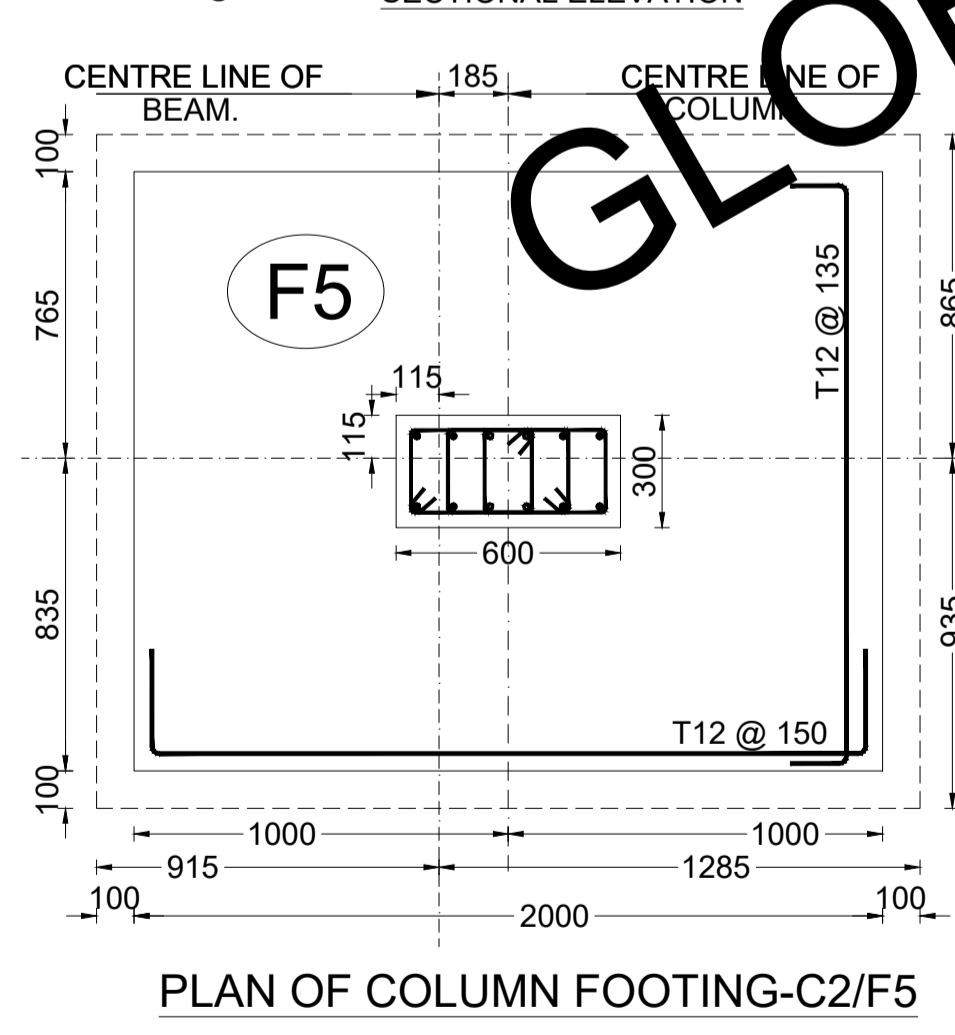
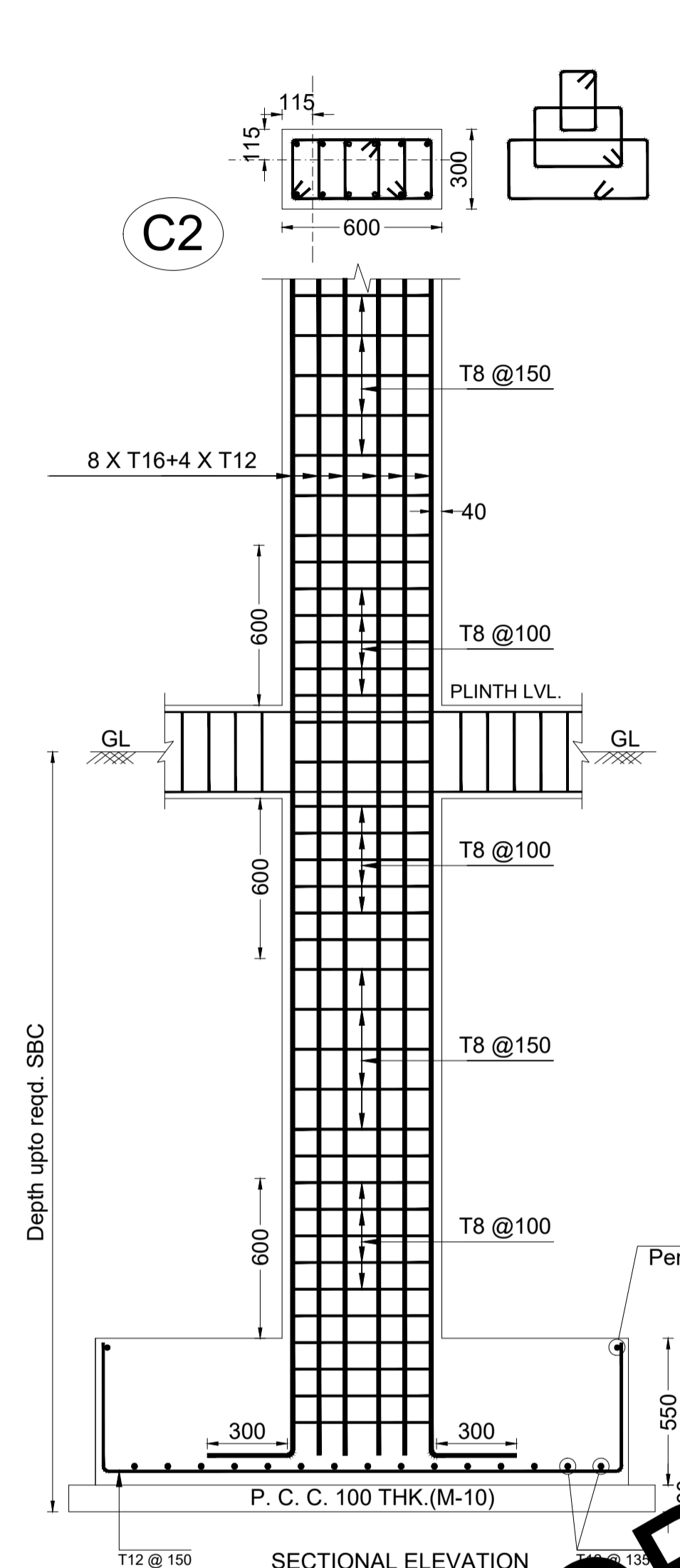
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R4			
R3			
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R1	----	-----	
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PROJECT	-----		
CLIENT	-----		
ARCHITECT	-----		
GLOBAL PRISM INFRA TECH PVT. LTD.			
CONSULTING ENGINEERS			
Chief Consultant: Sawan Sakale			
F103, HIMALAYA ENCLAVE, PRATAP NAGAR CHOWK,			
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PHONE: +91 9857228715			
prisminfra@consultants@gmail.com			
ANALYZED BY:	SSS	SCALE:	-----
DESIGNED BY:	SSS	DATE:	31.01.2020
DRAWN BY:	AS	DWG. NO.:	-----
CHECKED BY:	1 SSS	ADVANCE COPY:	<input checked="" type="checkbox"/>
SHEET	5 OF 7	G. F. C. :	-----

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CONCRETE MIX : M 25, GRADE OF STEEL : Fe 500

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 - DO NOT SCALE THE DWG. ONLY WRITTEN DIMENSION ARE TO BE FOLLOWED.
 - ALL DIMENSIONS ARE IN MM, EXCEPT IN LAYOUT. LEVELS ARE IN METER.
 - IN CASE OF ANY AMBIGUITY, PLEASE BRING IT TO THE NOTICE OF THIS OFFICE BEFORE EXECUTION OF WORK.
 - SHUTTERING & SCAFFOLDING IS AT THE RESPONSIBILITY OF CONTRACTOR.
 - STRIPPING TIME TABLE AS PER IS 456-2000.
 - TOP BARS OF ALL CANTILEVER BEAM / SLAB SHOULD BE EXTENDED ON OPPOSITE SIDE UP TO 1.5 TIMES CANTILEVER PROJECTION UNO.
 - PROVIDE SLOPE 50MM TO 100 MM TO "CENTERING OF TERRACE SLAB" TOWARD RAIN WATER PIPES IN CONSULTATION WITH THE ARCHITECT TO AVOID STAGNATION OF THE WATER AT TERRACE AND AVOID LEAKAGES IN FUTURE.
 - U.N.O. - UNLESS NOTED OTHERWISE



GLOBAL PRISM INFRA TECH PVT. LTD.

REVISION	DATE	DESCRIPTION	SIGN.
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TITLE :- R. C. C. DETAIL OF FOUNDATION LVL			
PROJECT :-			
CLIENT :-			
ARCHITECT :-			
GLOBAL PRISM INFRA TECH PVT. LTD. CONSULTING ENGINEERS			
Chief Consultant: Sawan Sakale F103, HIMALAYA ENCLAVE, PRATAP NAGAR CHOWK, NEAR POLICE CHAUKI PRATAPNAGAR, NAGPUR-440022. PHONE: +91-9657228715 prisminftechconsultants@gmail.com			
ANALYZED BY: SSS	SCALE: _____		
DESIGNED BY: SSS	DATE: 31.01.2020		
DRAWN BY: AS	DWG. NO.: _____		
CHECKED BY: 1 SSS	ADVANCE COPY: _____		
SHEET 6 OF 7	G. F. C. : _____		

IF IN DOUBT PLEASE ASK.

ALL DIMENSIONS ARE IN mm.

DO NOT SCALE THE DRAWING.

CONCRETE MIX : M 25, GRADE OF STEEL : Fe 500

1. SAFE BEARING CAPACITY OF SOIL

S.B.C. OF SOIL FOR DESIGN OF FOUNDATION HAS BEEN TAKEN AS SPECIFIED. MINIMUM DEPTH SHALL BE UPTO HARD STRATA. IN CASE OF ANY DOUBT REGARDING S.B.C. DURING EXCAVATION, THE MATTER SHALL BE REPORTED TO THE GEO. TECH. CONSULTANT.

2. REINFORCING STEEL

U.N.O. ALL REINFORCEMENT SHALL BE OF HIGH STRENGTH DEFORMED BARS OF SPECIFIED GRADE CONFORMING TO IS:1786 ALL REINFORCING STEEL TO BE OF TESTED QUALITY.

3. CONCRETE

U.N.O. CONCRETE MIX FOR ALL ELEMENT SHALL BE OF SPECIFIED GRADE CONFORMING IS. 456:2000.

4. P.C.C.

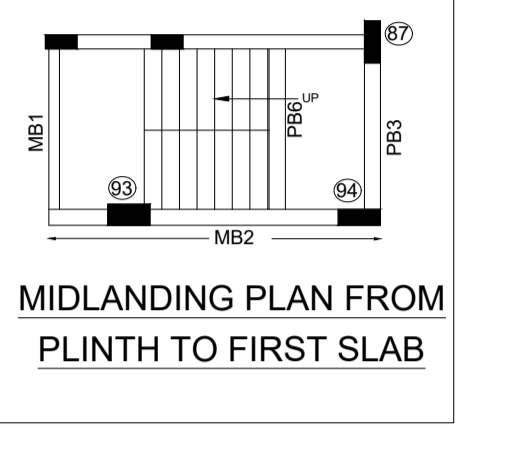
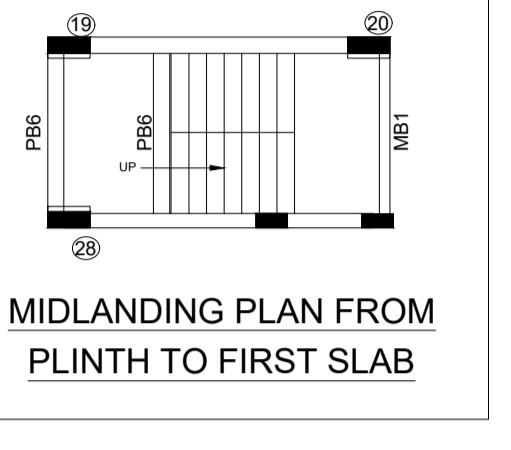
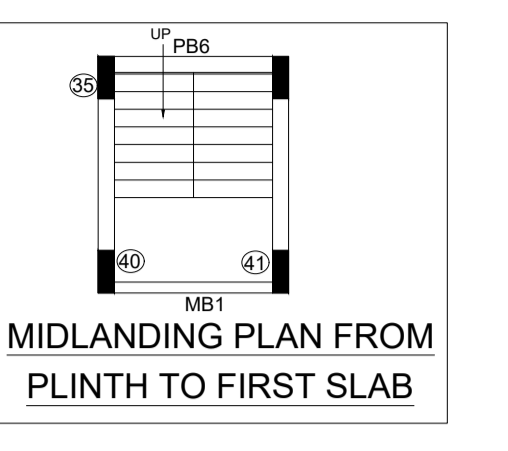
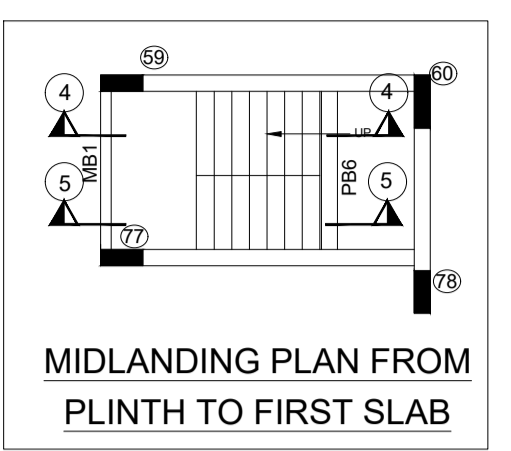
PLAIN CEMENT CONCRETE M-10

5. COVER

U.N.O. IN THE DWG. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS :-
(1) FOOTING (50 mm) (3) BEAM (25 mm)
(2) COLUMN (40 mm) (4) SLAB (20 mm)
OR DIA. OF BAR WHICHEVER IS GREATER.

GENERAL NOTES

- EXTRA TOP OR BENT-UP BARS SHALL BE EXTENDED UPTO 0.3L IN ADJACENT SPAN OVER A CONTINUOUS SUPPORT, AND ANCHOR DOWN AT END SUPPORT.
- AT BEAM & COLUMN JUNCTION, BEAM BARS IF IN CONFLICT WITH COLUMN BARS SHALL BE GRADUALLY BENT & PLACED CLEAR OFF COLUMN BARS. UNDER NO CIRCUMSTANCES COLUMN VERTICAL BARS SHALL BE BENT TO ACCOMMODATE BEAM BARS.
- CONFINING STIRRUPS IN BEAM COLUMN JUNCTION SHALL BE PROVIDED AT THE SPACING INDICATED. HOWEVER IF BEAMS ARE CONNECTED ON ALL THE FOUR DIRECTIONS / SIDES OF COLUMN, THE SPACING OF LATERAL TIES IN COLUMN SHOULD BE DOUBLED. (ONLY AT BEAM COLUMN JUNCTION PORTION.)
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- STIRRUPS FOR CANTILEVER BEAMS TO HAVE HOOK AT BOTTOM.
- REMARK "4 LEGGED" MEANS AT ALL LOCATIONS U.N.O.
- USE OF NEEDLE VIBRATOR AND PLASTISIZER RECOMMENDED FOR R.C.C. WORK.
- USE DENSIFIED COATED PLYWOOD FOR SHUTTERING & FORMWORK.
- BURNED OIL NOT PERMITTED FOR DE-SHUTTERING.
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- BOTTOM OF ALL OUTER BEAM SHALL BE 150MM BELOW GROUND LVL AND SHOULD HAVE CLEAR AIR GAP OF 150MM FOR B.C. SOIL STRUCTURE.
- TOP OF ALL INNER BEAMS & OUTER BEAMS AT SAME FINISHED PLINTH LEVEL.
- PLINTH BEAMS SHALL BE CASTED ONLY BY USING BOTTOM SHUTTERING PREPARED BOTTOM BY BRICK WORK OR PCC IS NOT RECOMMENDED FOR CASTING PLINTH BEAMS.
- CURING :- EXPOSED SURFACE OF CONCRETE SHALL BE KEPT CONTINUOUSLY IN WET CONDITION MINIMUM FOR 14 DAYS.
- CUT/OFF / OPENING :- ANY TYPE OF OPENING FOR PLUMBING, DRAINAGE OR ELECTRICAL NOT PERMITTED IN R.C.C. BEAMS AND COLUMNS DURING OR AFTER CASTING.
- SLEEVE :- FOR SLEEVES PROVIDE ADDL TWO RINGS SPACED @ 75MM C/C ON EITHER SIDE OF IT.
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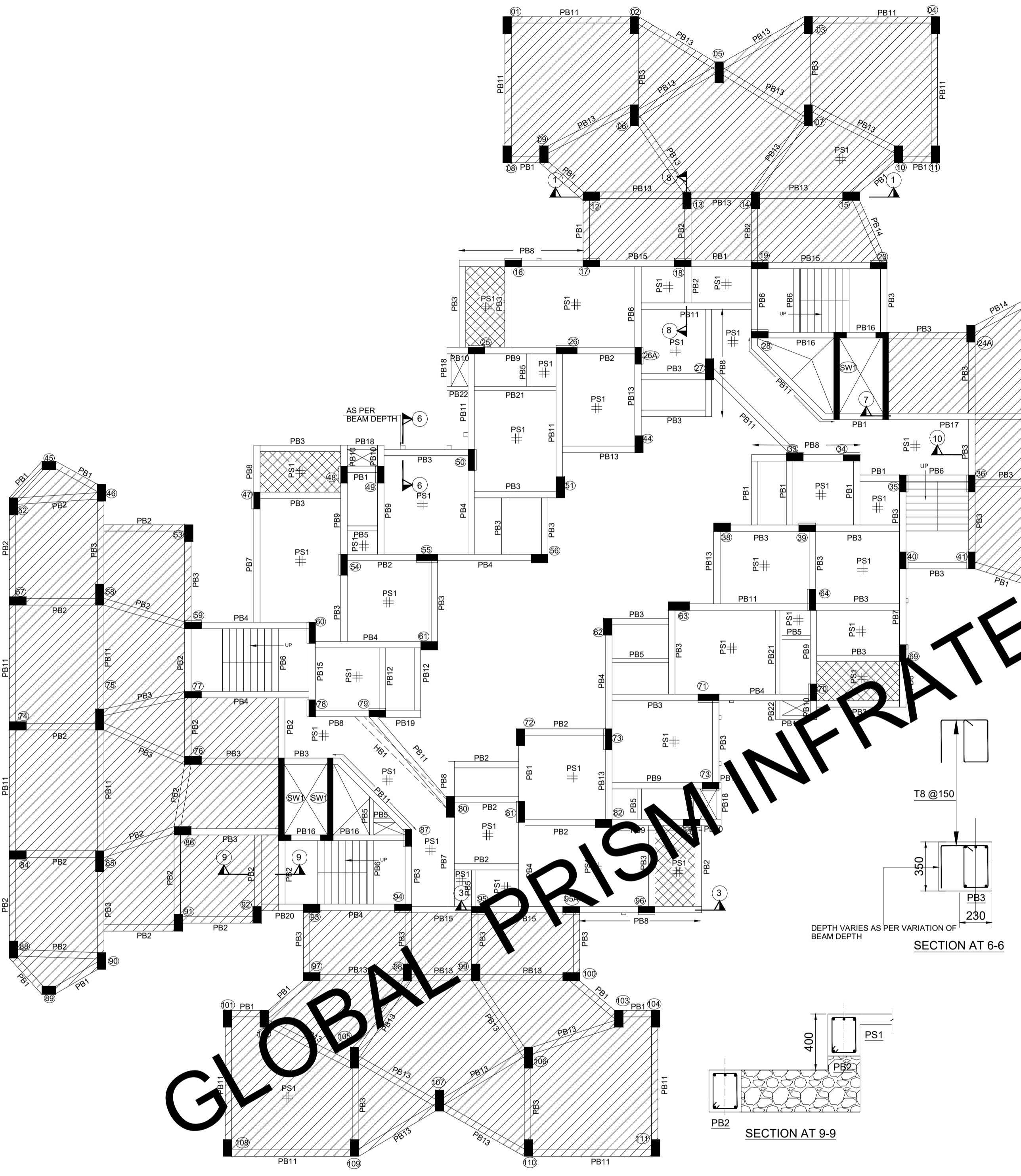


SCHEDULE OF SLAB

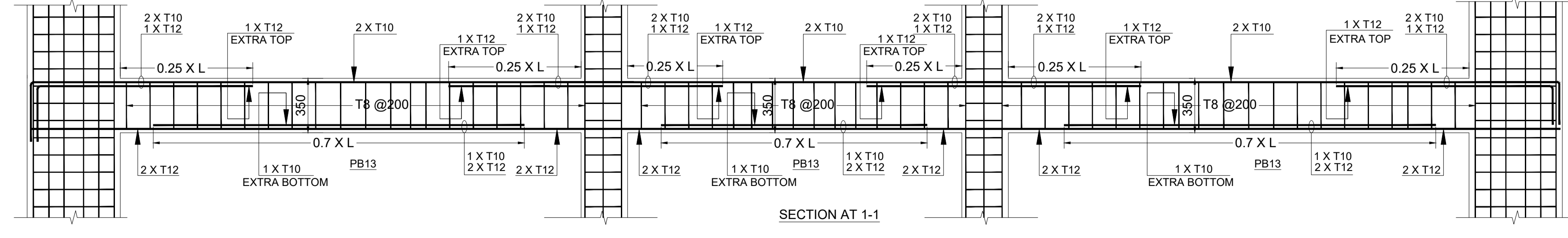
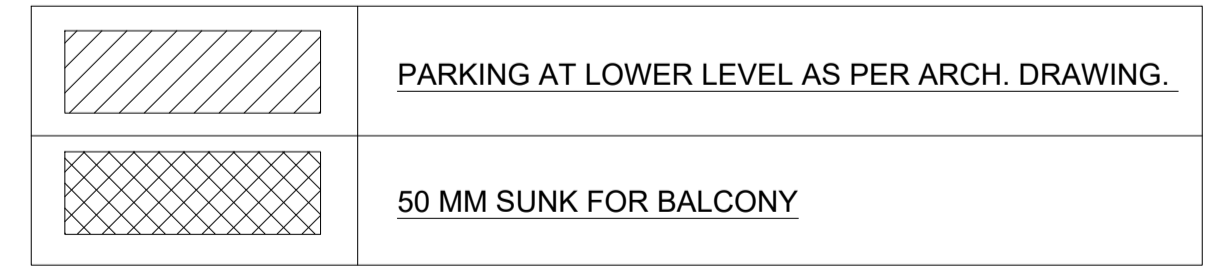
SLAB NO.	SIZE (OVERALL) IN MM	MID SPAN MAIN BARS		TOP BARS THROUGHOUT	EXTRA TOP BARS UPTO 0.3XL FROM FACE OF BEAM	DISTRIBUTION BARS C/C	REMARKS
		BOTM. BARS	BOTTOM BENT-UP @ L/4 FROM CENTER				
STAIR1							
PS1							

SCHEDULE OF BEAMS

BEAM NO.	SIZE		BOTTOM REINFORCEMENT		TOP REINFORCEMENT		STIRRUPS		SIDE BAR	REMARKS
	B	D	THROUGHOUT	MID SPAN 0.7XL	THROUGHOUT	EXTRA TOP 0.25XL FROM FACE OF COLUMN ON EACH SIDE	UPTO 2D FROM FACE OF COLUMN	AT MID SPAN		
PB1										
PB2										
PB3										
PB4										
PB5										
PB6										
PB7										
PB8										
PB9										
PB10										
PB11										
PB12										
PB13										
PB14										
PB15										
PB16										
PB17										
PB18										
PB19										
PB20										
PB21										
PB22										
HB1										
MB1										
MB2										



PLINTH SLAB



GLOBAL PRISM INFRA TECH PVT. LTD.

R4			
R3			
R2			
R1			
REVISION	DATE	DESCRIPTION	SIGN.

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TITLE :- R. C. C. DETAIL OF PLINTH LVL

PROJECT :-

CLIENT :-

ARCHITECT :-

GLOBAL PRISM INFRA TECH PVT. LTD. CONSULTING ENGINEERS

Chief Consultant: Sawan Sakale
F103, HIMALAYA ENCLAVE, PRATAP NAGAR CHOWK,
NEAR POLICE CHAUKI
PRATAPNAGAR, NAGPUR-440022.
PHONE:+91-9657228715
prisminfatechconsultants@gmail.com

ANALYZED BY: SSS	SCALE: _____
DESIGNED BY: SSS	DATE: 25.02.2020
DRAWN BY: AS	DWG. NO: _____
CHECKED BY: 1 SSS	ADVANCE COPY: <input checked="" type="checkbox"/>
SHEET 1 OF 2	G. F. C. : _____

IF IN DOUBT PLEASE ASK.

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DO NOT SCALE THE DRAWING.

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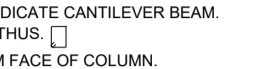
PLAIN CEMENT CONCRETE M-10

5. COVER

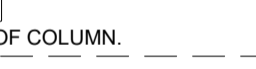
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NOTE :- 1) AT SUPPORT, REGARDING EXTRA TOP RIF. ON LEFT SIDE & RIGHT SIDE, ADOPT HIGHER OF TWO & EXTEND UPTO 0.25L ON BOTH SIDE FROM FACE OF COLUMN / SUPPORT.
2) AT SUPPORT IF TOP RIF. ON BOTH SIDE IS EQUAL, ADOPT SAME AND EXTEND UPTO 0.25L ON BOTH SIDE FROM FACE OF COLUMN / SUPPORT.
3) MARK 'C' IN REMARK COLUMN INDICATE CANTILEVER BEAM. THE STIRRUPS WILL BE PLACED THUS. 
4) FIRST STIRRUP IS AT 50mm FROM FACE OF COLUMN.

PLEASE CROSS CHECK ELEVATIONAL FEATURES & BEAM SIZES, LEVELS FROM ARCHITECT BEFORE EXECUTION

NOTE :- 1) AT SUPPORT, OUT OF EXTRA TOP RIF. ON LEFT SIDE & RIGHT SIDE, ADOPT HIGHER OF TWO & EXTEND UPTO 0.25L ON BOTH SIDE FROM FACE OF COLUMN / SUPPORT.
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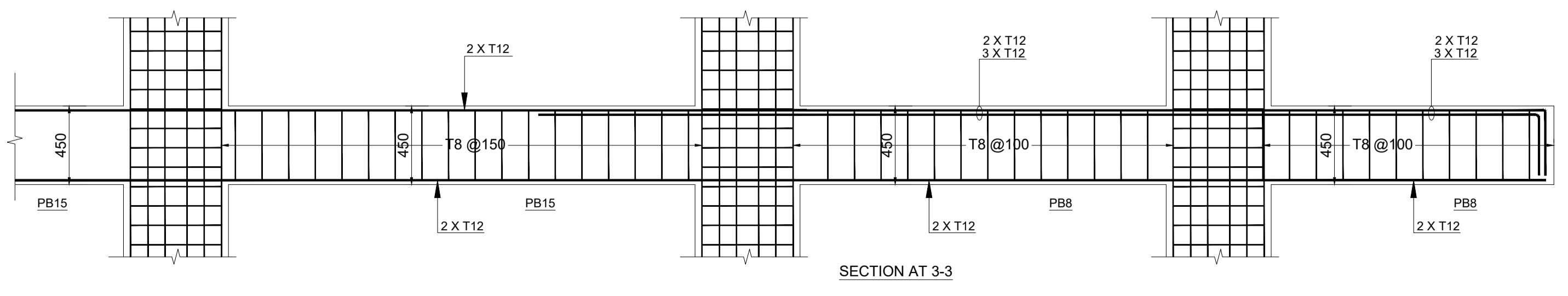
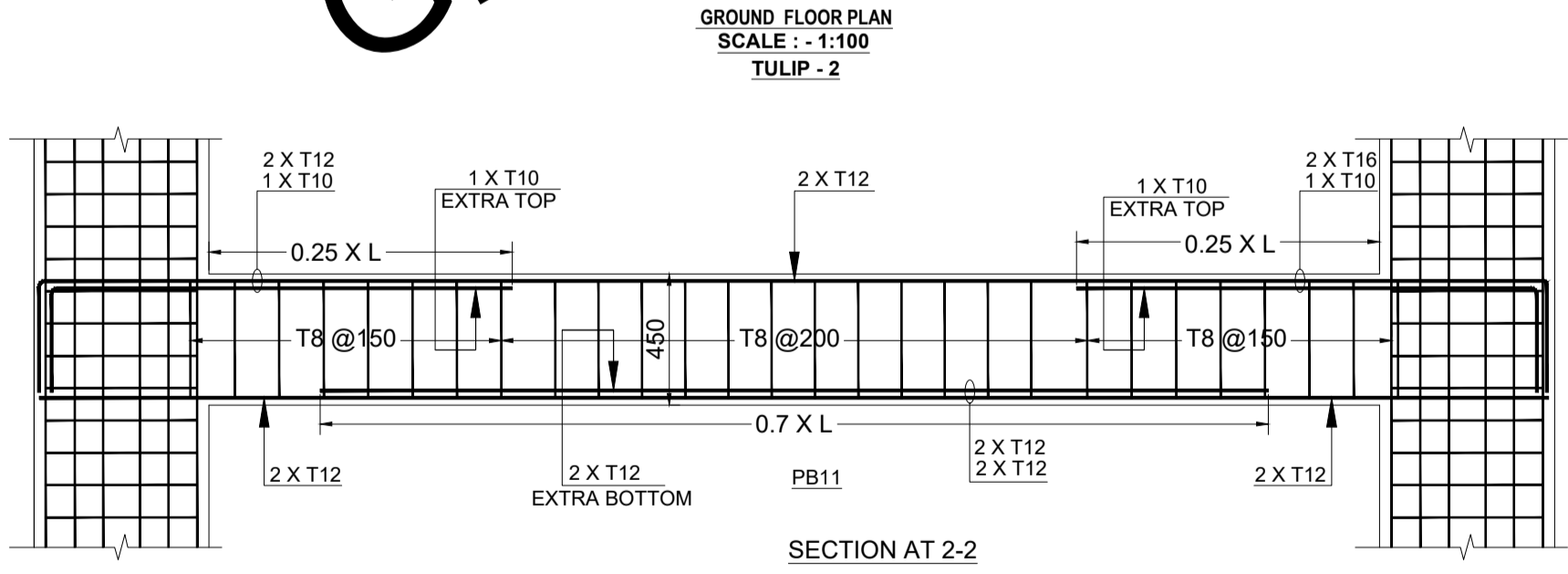
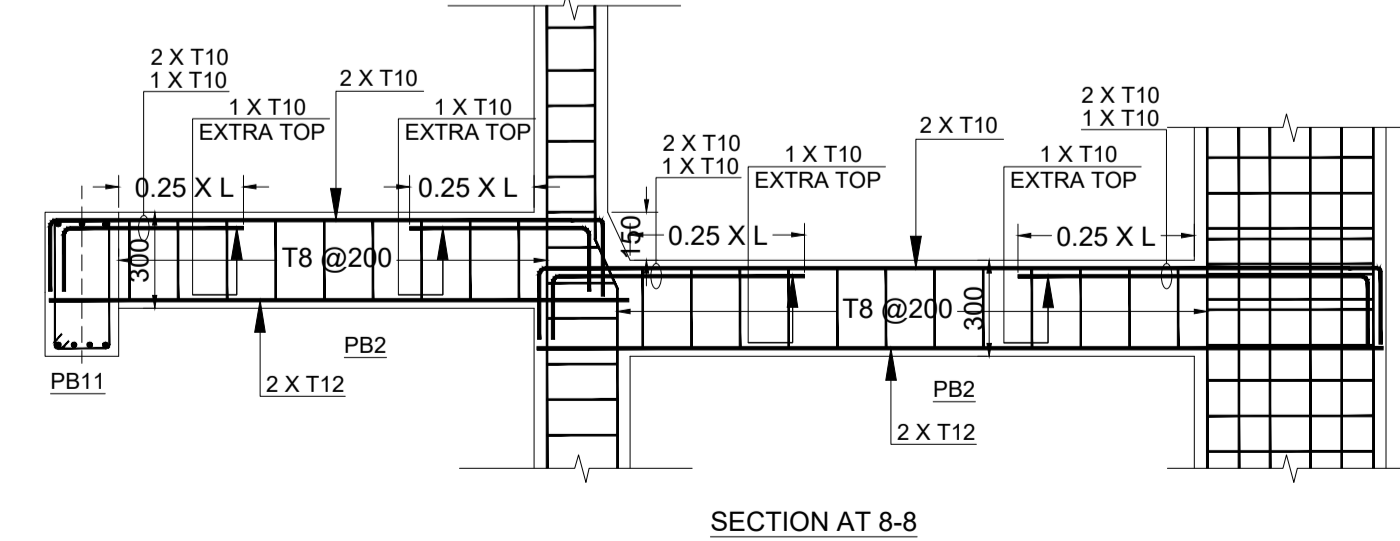
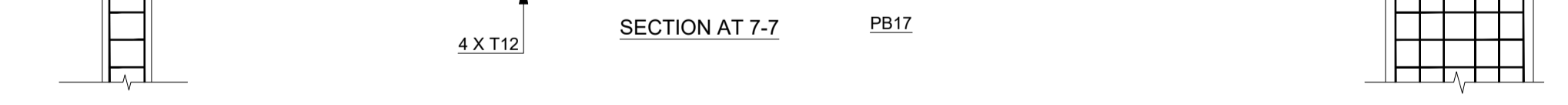
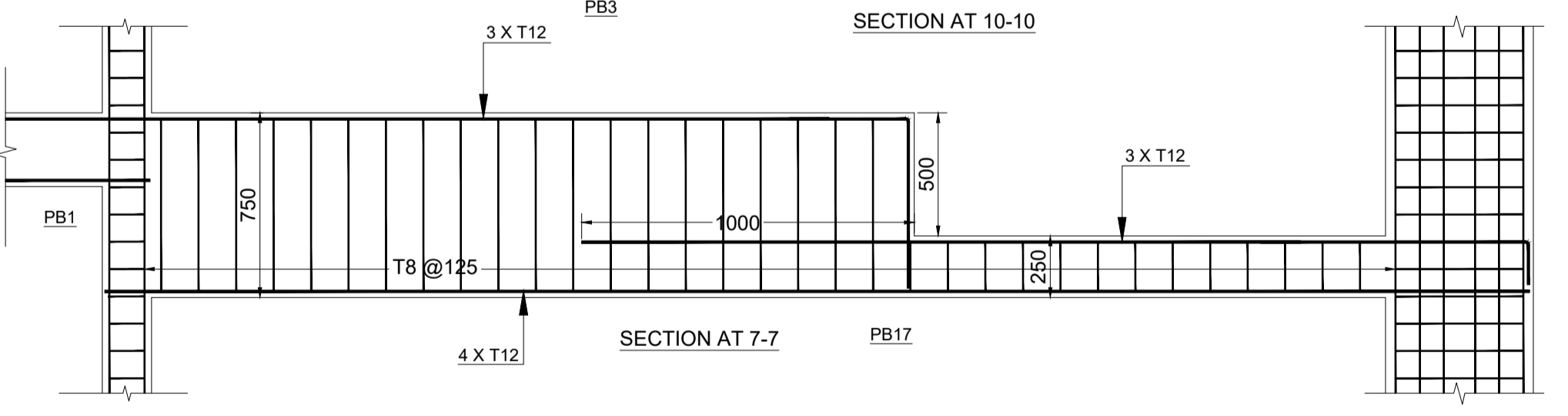
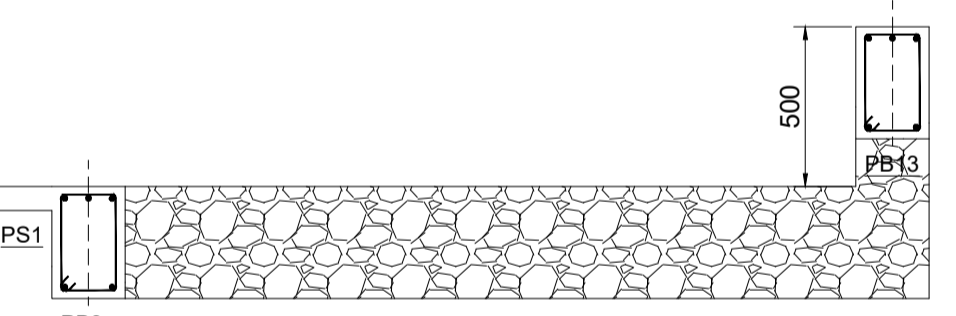
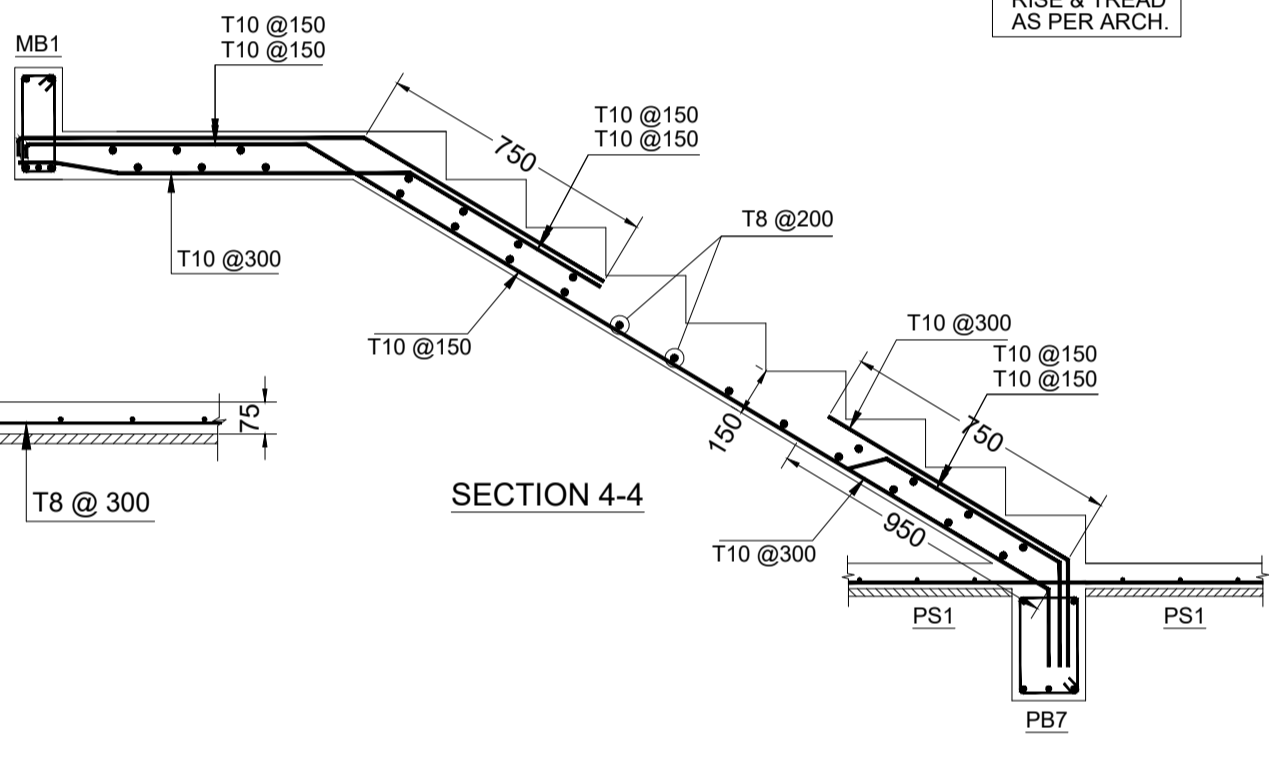
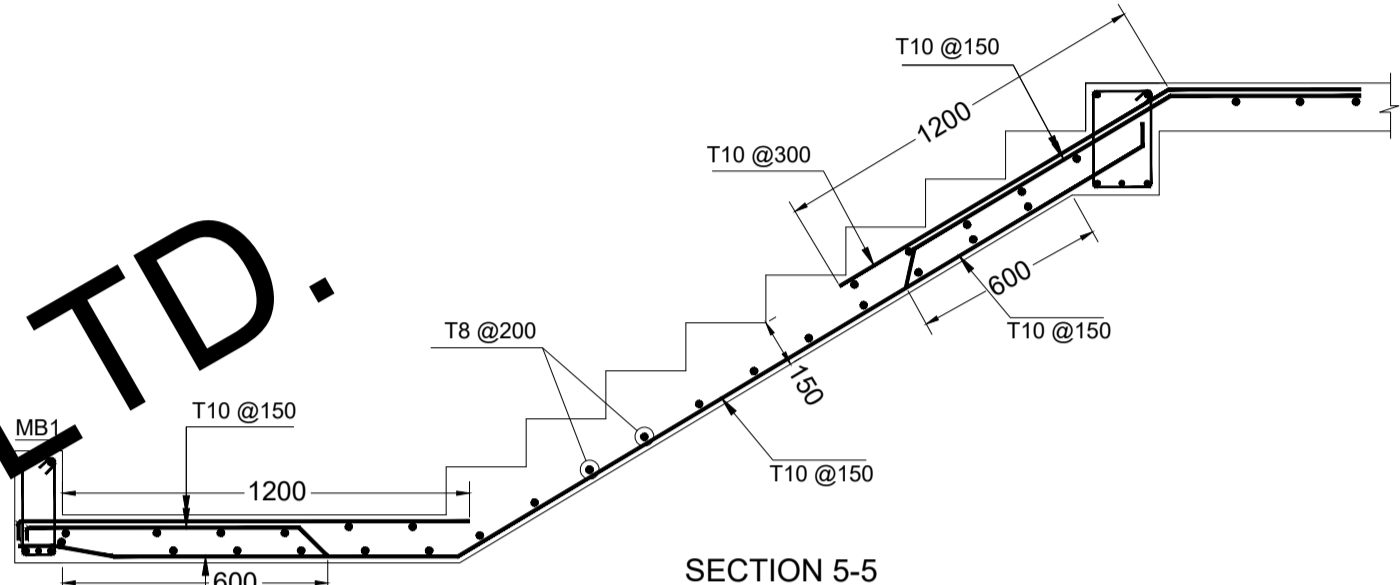
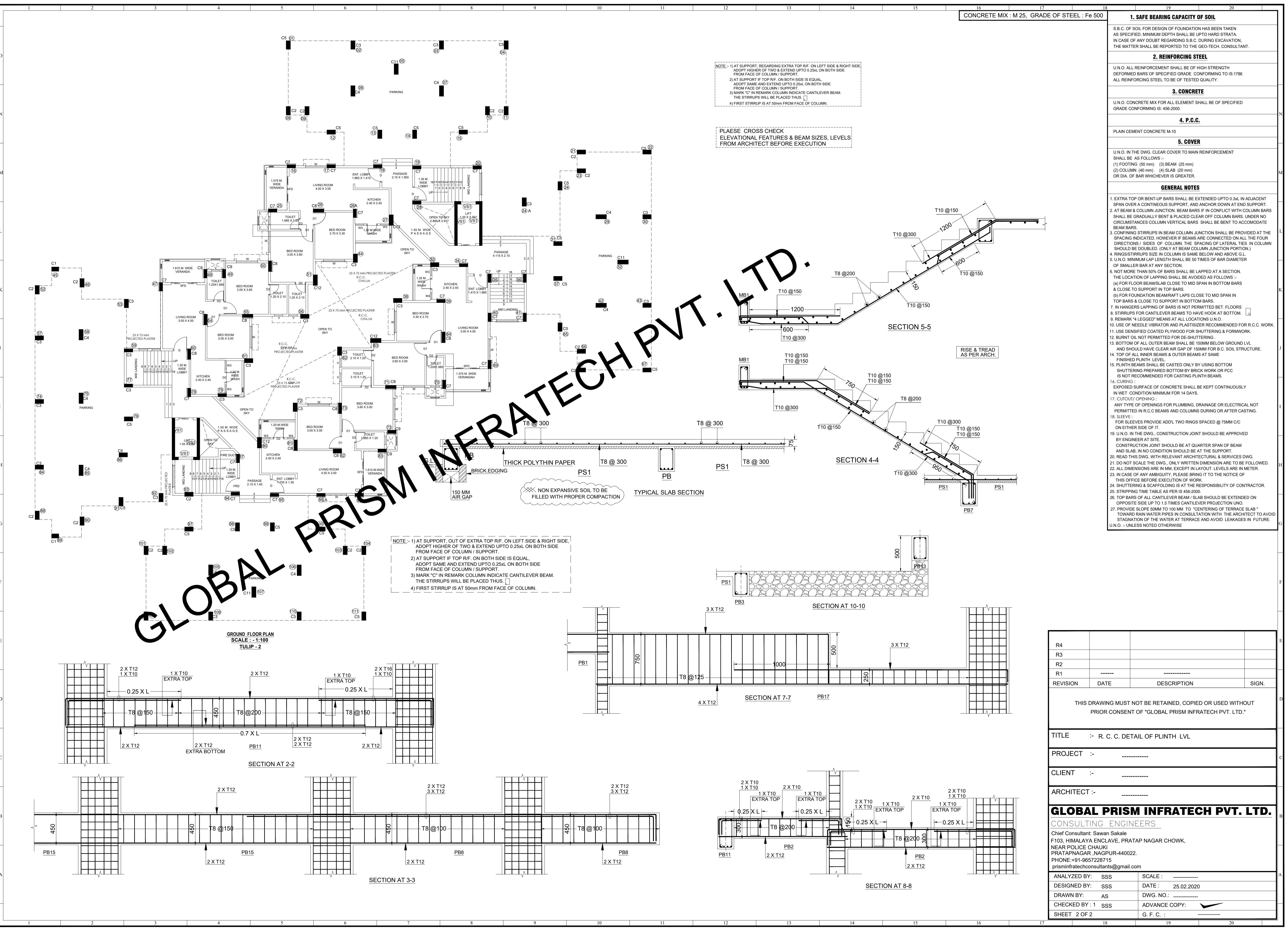
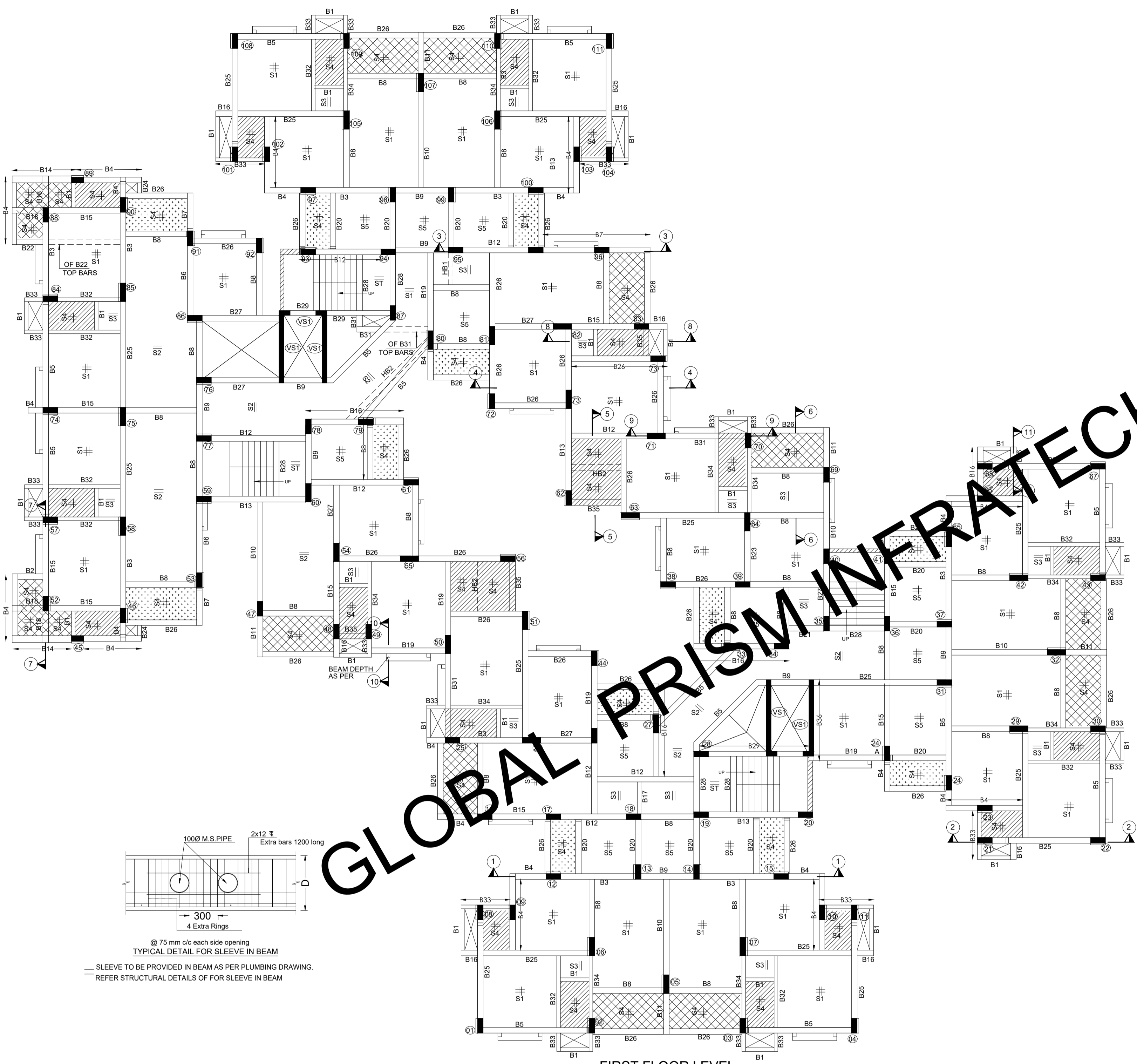


Table with 4 columns: REVISION, DATE, DESCRIPTION, SIGN. It contains a revision table and a title block with project information.

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PROJECT :-
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ARCHITECT :-
GLOBAL PRISM INFRA TECH PVT. LTD.
CONSULTING ENGINEERS
Chief Consultant: Sawan Sakale
F103, HIMALAYA ENCLAVE, PRATAP NAGAR CHOWK,
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PRATAPNAGAR, NAGPUR-440022.
PHONE: +91-9657228715
prisminfotechconsultants@gmail.com
ANALYZED BY: SSS SCALE: _____
DESIGNED BY: SSS DATE: 25.02.2020
DRAWN BY: AS DWG. NO.: _____
CHECKED BY: 1 SSS ADVANCE COPY:
SHEET 2 OF 2 G. F. C. : _____

CONCRETE MIX : M 25, GRADE OF STEEL : Fe 500



FIRST FLOOR LEVEL

- NOTE :-
- 1) AT SUPPORT, OUT OF EXTRA TOP R/F. ON LEFT SIDE & RIGHT SIDE, ADOPT HIGHER OF TWO & EXTEND UPTO 0.25XL ON BOTH SIDE FROM FACE OF COLUMN / SUPPORT.
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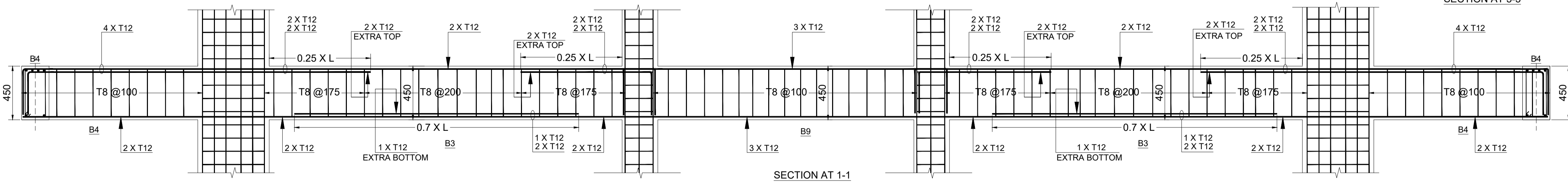
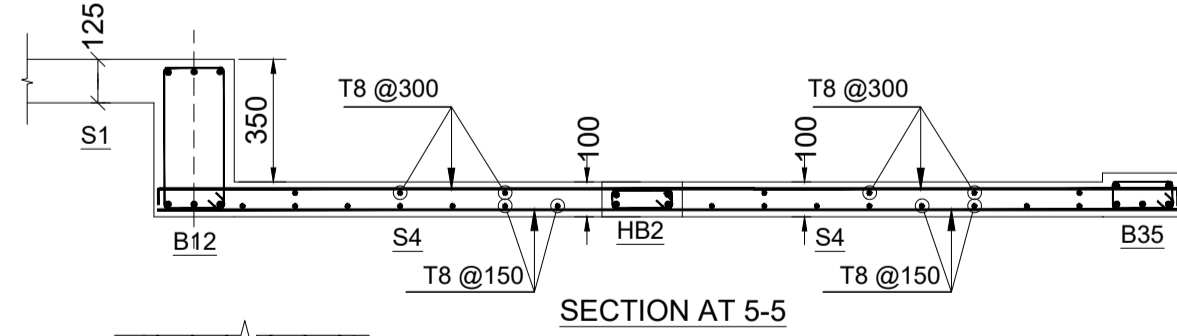
- 350 MM SUNK FOR TOILET
- 50 MM SUNK FOR BALCONY
- 200 MM SUNK FOR WASH AREA

SCHEDULE OF BEAMS

BEAM NO.	SIZE		BOTTOM REINFORCEMENT		TOP REINFORCEMENT		STIRRUPS		SIDE BAR	REMARKS
	B	D	THROUGHOUT	MID SPAN 0.7XL	THROUGHOUT	EXTRA TOP 0.25XL FROM FACE OF COLUMN ON EACH SIDE	UPTO 2D FROM FACE OF COLUMN	AT MID SPAN		
B1										
B2										
B3										
B4										
B5										
B6										
B7										
B8										
B9										
B10										
B11										
B12										
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B25										
B26										
B27										
B28										
B29										
B30										
B31										
B32										
B33										
B34										
B35										
HB1										
HB2										
MB1										
MB2										

SCHEDULE OF SLAB

SLAB	SIZE (OVERALL) IN MM	MID SPAN MAIN BARS		TOP BARS THROUGHOUT	EXTRA TOP BARS UPTO 0.3XL FROM FACE OF BEAM	DISTRIBUTION BARS C/C	REMARKS
		BOTM. BARS	BOTTOM BENT-UP @ L/4 FROM CENTER				
STAIR1							
S1							
S2							
S3							
S4							
S5							
ST							



- 1. SAFE BEARING CAPACITY OF SOIL**
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PLAIN CEMENT CONCRETE M-10
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1. EXTRA TOP OR BENT-UP BARS SHALL BE EXTENDED UPTO 0.3XL IN ADJACENT SPAN OVER A CONTINUOUS SUPPORT, AND ANCHOR DOWN AT END SUPPORT.
 2. AT BEAM & COLUMN JUNCTION, BEAM BARS IF IN CONFLICT WITH COLUMN BARS SHALL BE GRADUALLY BENT & PLACED CLEAR OFF COLUMN BARS. UNDER NO CIRCUMSTANCES COLUMN VERTICAL BARS SHALL BE BENT TO ACCOMMODATE BEAM BARS.
 3. CONFINING STIRRUPS IN BEAM COLUMN JUNCTION SHALL BE PROVIDED AT THE SPACING INDICATED, HOWEVER IF BEAMS ARE CONNECTED ON ALL THE FOUR DIRECTIONS / SIDES OF COLUMN, THE SPACING OF LATERAL TIES IN COLUMN SHOULD BE DOUBLED. (ONLY AT BEAM COLUMN JUNCTION PORTION.)
 4. RINGS/STIRRUPS SIZE IN COLUMN IS SAME BELOW AND ABOVE G.L.
 5. U.N.O. MINIMUM LAP LENGTH SHALL BE 50 TIMES OF BAR DIAMETER OF SMALLER BAR AT ANY SECTION.
 6. NOT MORE THAN 50% OF BARS SHALL BE LAPPED AT A SECTION. THE LOCATION OF LAPPPINGS SHALL BE AVOIDED AS FOLLOWS :-
(a) FOR FLOOR BEAM/SLAB CLOSE TO MID SPAN IN BOTTOM BARS & CLOSE TO SUPPORT IN TOP BARS.
(b) FOR FOUNDATION BEAM/RAFT LAPPS CLOSE TO MID SPAN IN TOP BARS & CLOSE TO SUPPORT IN BOTTOM BARS.
 7. IN HANGERS LAPPPING OF BARS IS NOT PERMITTED BET. FLOORS.
 8. STIRRUPS FOR CANTILEVER BEAMS TO HAVE HOOK AT BOTTOM.
 9. REMARK "4 LEGGED" MEANS AT ALL LOCATIONS U.N.O.
 10. USE OF NEEDLE VIBRATOR AND PLASTISIZER RECOMMENDED FOR R.C.C. WORK.
 11. USE DESIGNED COATED PLYWOOD FOR SHUTTERING & FORMWORK.
 12. BURNT OIL NOT PERMITTED FOR DE SHUTTERING.
 13. BOTTOM OF ALL OUTER BEAM SHALL BE 150MM BELOW GROUND LVL AND SHOULD HAVE CLEAR AIR GAP OF 150MM FOR B.C. SOIL STRUCTURE.
 14. TOP OF ALL INNER BEAMS & OUTER BEAMS AT SAME FINISHED PLINTH LEVEL.
 15. PLINTH BEAMS SHALL BE CASTED ONLY BY USING BOTTOM SHUTTERING PREPARED BOTTOM BY BRICK WORK OR PCC IS NOT RECOMMENDED FOR CASTING PLINTH BEAMS.
 16. CURING :- EXPOSED SURFACE OF CONCRETE SHALL BE KEPT CONTINUOUSLY IN WET CONDITION MINIMUM FOR 14 DAYS.
 17. CUTOFF OPENINGS :- FOR SLEEVES PROVIDE ADDL. TWO RINGS SPACED @ 75MM C/C ON EITHER SIDE OF IT.
 18. ANY TYPE OF OPENINGS FOR PLUMBING, DRAINAGE OR ELECTRICAL NOT PERMITTED IN R.C.C. BEAMS AND COLUMNS DURING OR AFTER CASTING.
 19. U.N.O. IN THE DWG. CONSTRUCTION JOINT SHOULD BE APPROVED BY ENGINEER AT SITE.
 20. CONSTRUCTION JOINT SHOULD BE AT QUARTER SPAN OF BEAM AND SLAB. IN NO CONDITION SHOULD BE AT THE SUPPORT.
 21. DO NOT SCALE THE DWG. ONLY WRITTEN DIMENSION ARE TO BE FOLLOWED.
 22. ALL DIMENSIONS ARE IN MM. EXCEPT IN LAYOUT, LEVELS ARE IN METER.
 23. IN CASE OF ANY AMBIGUITY, PLEASE BRING IT TO THE NOTICE OF THIS OFFICE BEFORE EXECUTION OF WORK.
 24. SHUTTERING & SCAFFOLDING IS AT THE RESPONSIBILITY OF CONTRACTOR.
 25. STRIPPING TIME TABLE AS PER IS: 456-2000.
 26. TOP BARS OF ALL CANTILEVER BEAM / SLAB SHOULD BE EXTENDED ON OPPOSITE SIDE UPTO 1.5 TIMES CANTILEVER PROJECTION UNO.
 27. PROVIDE SLOPE 50MM TO 100 MM TO "CENTERING OF TERRACE SLAB" TOWARD RAIN WATER PIPES IN CONSULTATION WITH THE ARCHITECT TO AVOID STAGNATION OF THE WATER AT TERRACE AND AVOID LEAKAGES IN FUTURE. U.N.O. - UNLESS NOTED OTHERWISE.

R4			
R3			
R2			
R1			
REVISION	DATE	DESCRIPTION	SIGN.

TITLE :- R. C. C. DETAIL OF FIRST FLOOR LVL

PROJECT :-

CLIENT :-

ARCHITECT :-

GLOBAL PRISM INFRA TECH PVT. LTD.
CONSULTING ENGINEERS

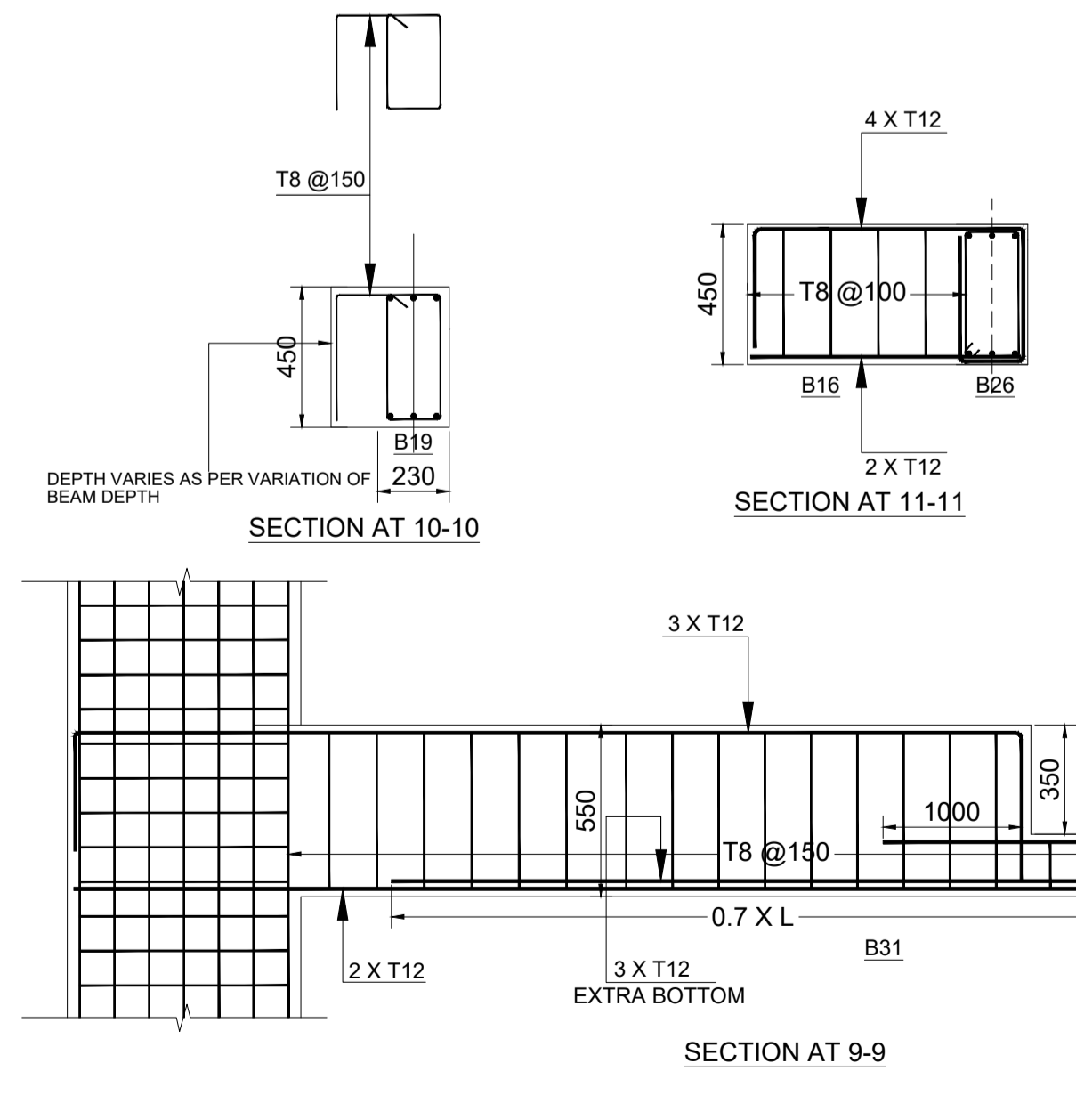
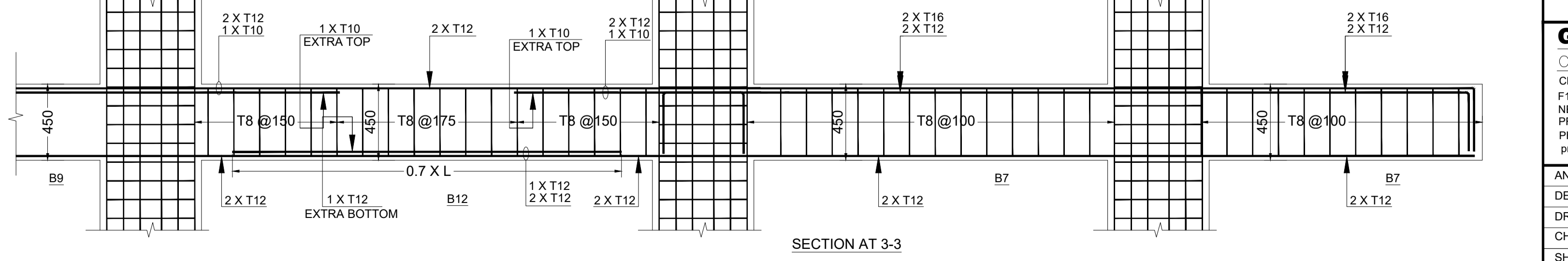
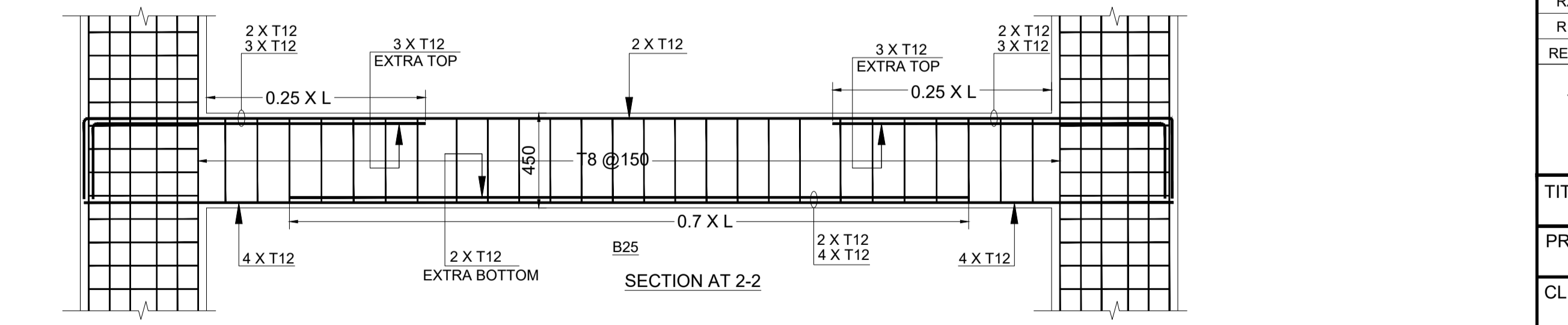
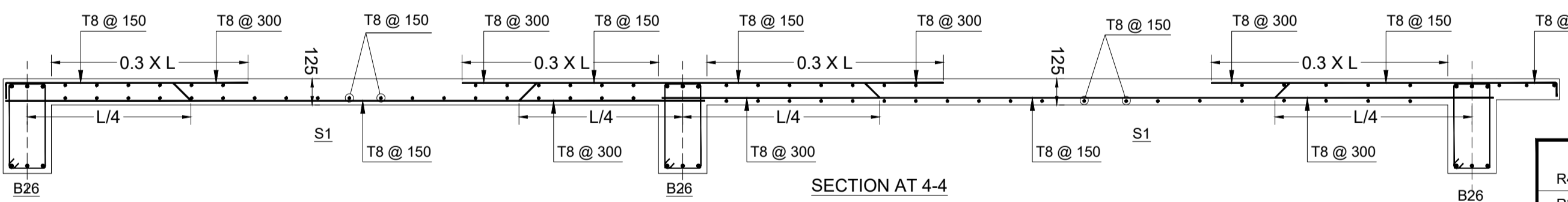
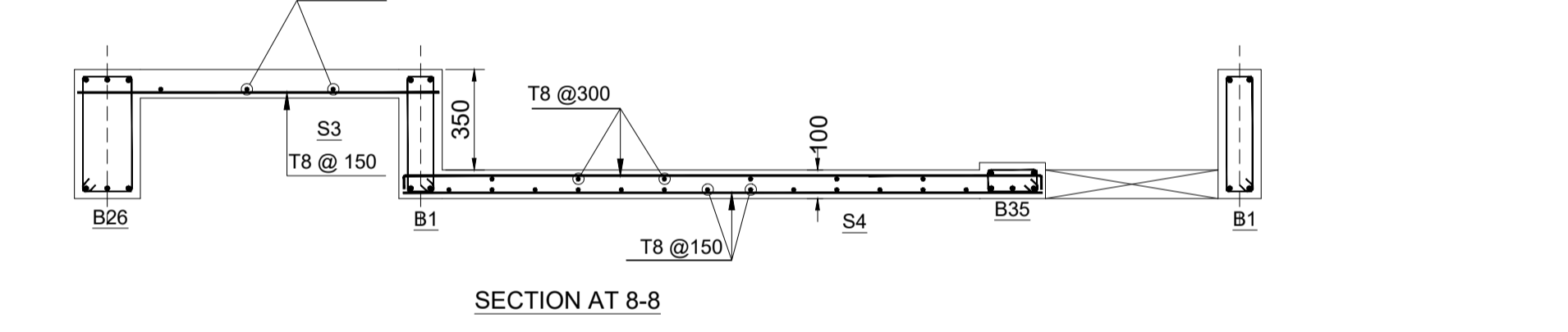
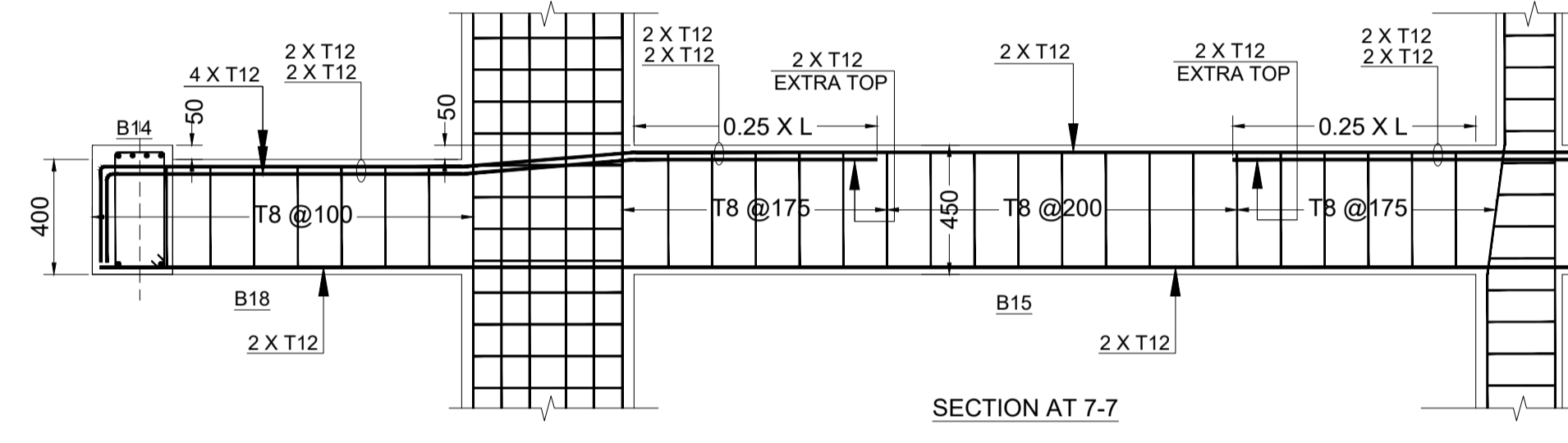
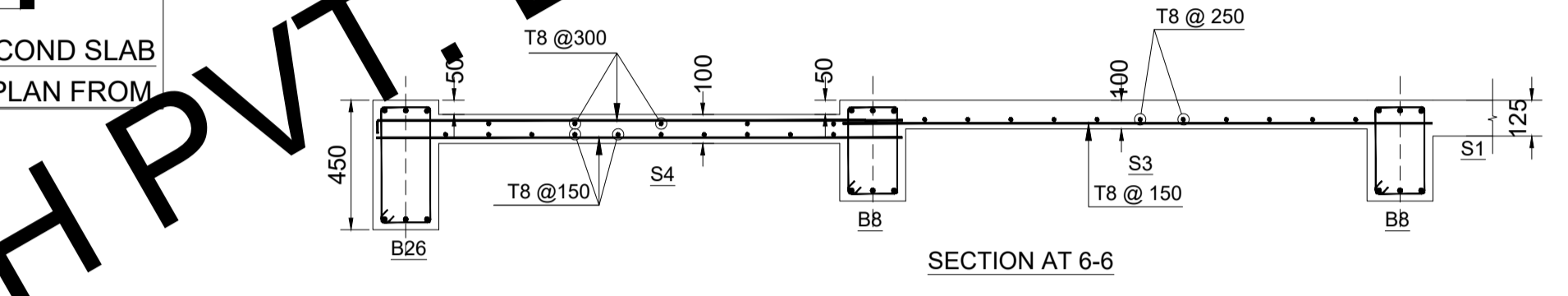
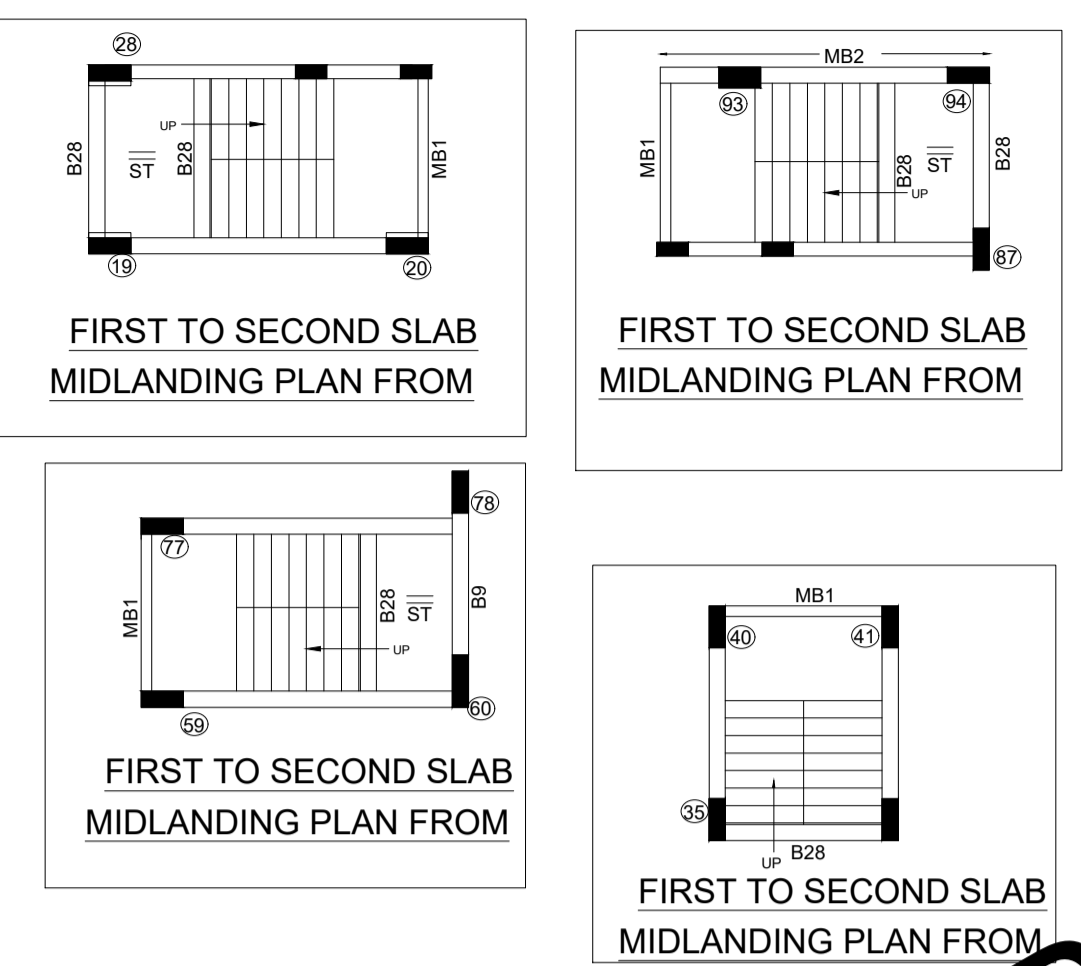
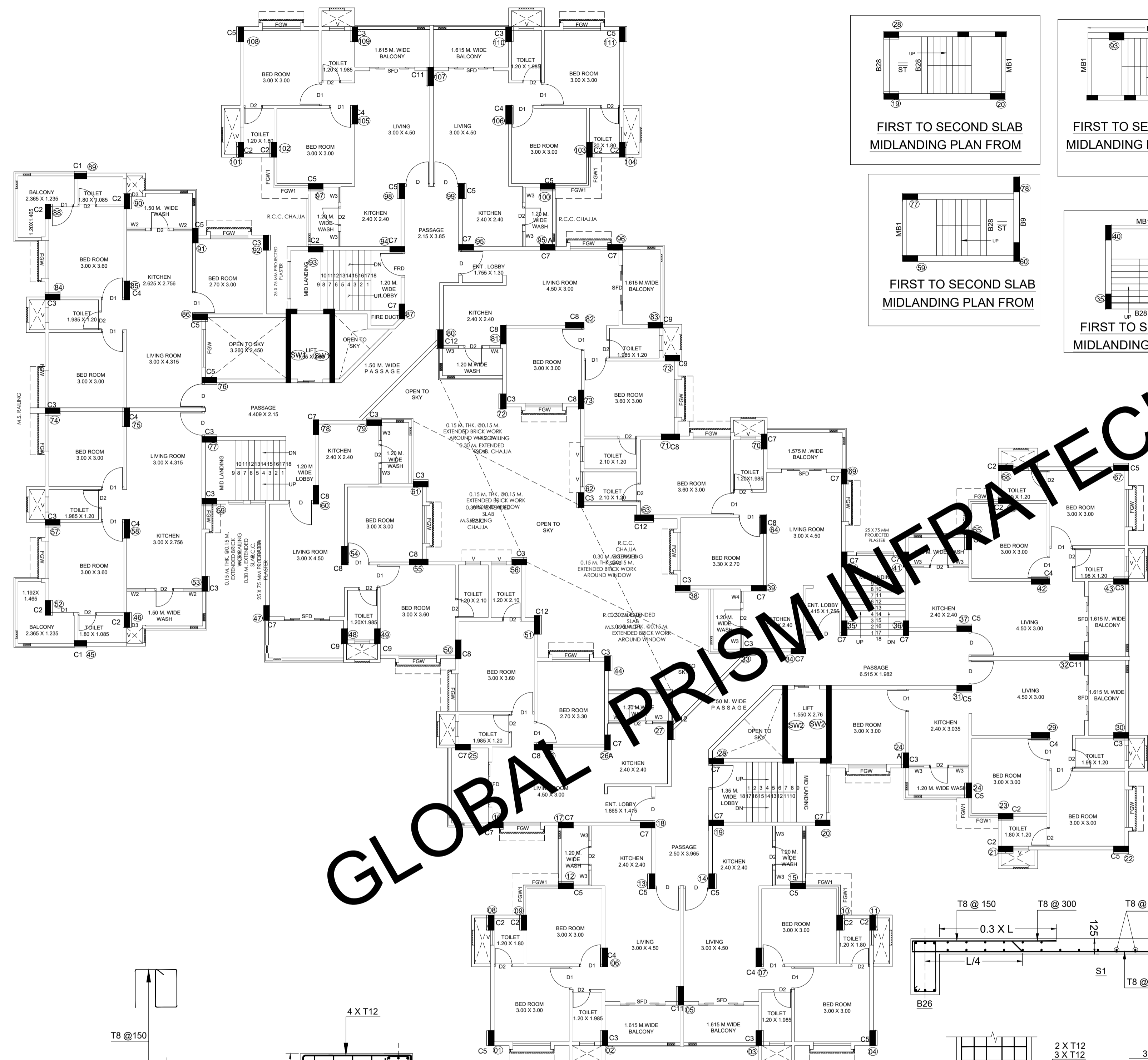
Chief Consultant: Sawan Sakale
F103, HIMALAYA ENCLAVE, PRATAP NAGAR CHOWK,
NEAR POLICE CHAUKI
PRATAPNAGAR, NAGPUR-440022.
PHONE:-91-9857228715
prisminfatechconsultants@gmail.com

ANALYZED BY: SSS SCALE: _____
DESIGNED BY: SSS DATE: 06.03.2020

DRAWN BY: AS DWG. NO.: _____
CHECKED BY: 1 SSS ADVANCE COPY: _____

SHEET 1 OF 2 G. F. C. : _____

CONCRETE MIX : M 25, GRADE OF STEEL : Fe 500



- 1. SAFE BEARING CAPACITY OF SOIL**
S.B.C. OF SOIL FOR DESIGN OF FOUNDATION HAS BEEN TAKEN AS SPECIFIED. MINIMUM DEPTH SHALL BE UP TO HARD STRATA. IN CASE OF ANY DOUBT REGARDING S.B.C. DURING EXCAVATION, THE MATTER SHALL BE REPORTED TO THE GEO-TECH. CONSULTANT.
- 2. REINFORCING STEEL**
U.N.O. ALL REINFORCING SHALL BE OF HIGH STRENGTH DEFORMED BARS OF SPECIFIED GRADE CONFORMING TO IS:1786 ALL REINFORCING STEEL TO BE OF TESTED QUALITY.
- 3. CONCRETE**
U.N.O. CONCRETE MIX FOR ALL ELEMENT SHALL BE OF SPECIFIED GRADE CONFORMING IS: 456-2000.
- 4. P.C.C.**
PLAIN CEMENT CONCRETE M-10
- 5. COVER**
U.N.O. IN THE DWG. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS :-
(1) FOOTING (50 mm) (3) BEAM (25 mm)
(2) COLUMN (40 mm) (4) SLAB (20 mm)
OR DIA. OF BAR WHICHEVER IS GREATER.
- GENERAL NOTES**
 1. EXTRA TOP OR BENT-UP BARS SHALL BE EXTENDED UP TO 0.3L IN ADJACENT SPAN OVER A CONTINUOUS SUPPORT, AND ANCHOR DOWN AT END SUPPORT.
 2. AT BEAM & COLUMN JUNCTION, BEAM BARS IF IN CONFLICT WITH COLUMN BARS SHALL BE GRADUALLY BENT & PLACED CLEAR OFF COLUMN BARS. UNDER NO CIRCUMSTANCES COLUMN VERTICAL BARS SHALL BE BENT TO ACCOMMODATE BEAM BARS.
 3. CONFINING STIRRUPS IN BEAM COLUMN JUNCTION SHALL BE PROVIDED AT THE SPACING INDICATED. HOWEVER IF BEAMS ARE CONNECTED ON ALL THE FOUR DIRECTIONS / SIDES OF COLUMN, THE SPACING OF LATERAL TIES IN COLUMN SHOULD BE DOUBLED. (ONLY AT BEAM COLUMN JUNCTION PORTION.)
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(b) FOR FOUNDATION BEAM/RAFT LAPS CLOSE TO MID SPAN IN TOP BARS & CLOSE TO SUPPORT IN BOTTOM BARS.
 7. IN HANGERS LAPPPING OF BARS IS NOT PERMITTED BET. FLOORS & STIRRUPS FOR CANTILEVER BEAMS TO HAVE HOOK AT BOTTOM.
 8. REMARK *4 LEGGED* MEANS AT ALL LOCATIONS U.N.O.
 9. USE OF NEEDLE VIBRATOR AND PLASTISIZER RECOMMENDED FOR R.C.C. WORK.
 10. USE DESIGNED COATED PLYWOOD FOR SHUTTERING & FORMWORK.
 11. BURNT OIL NOT PERMITTED FOR DE-SHUTTERING.
 12. BOTTOM OF ALL OUTER BEAM SHALL BE 150MM BELOW GROUND LVL AND SHOULD HAVE CLEAR AIR GAP OF 150MM FOR B.C. SOIL STRUCTURE.
 13. TOP OF ALL INNER BEAMS & OUTER BEAMS SAME FINISHED PLINTH LEVEL.
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 15. CURING: EXPOSED SURFACE OF CONCRETE SHALL BE KEPT CONTINUOUSLY IN WET CONDITION MINIMUM FOR 14 DAYS.
 17. CUTOFF OPENINGS: FOR SLEEVES PROVIDE ADDL. TWO RINGS SPACED @ 75MM C/C ON EITHER SIDE OF IT.
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 26. PROVIDE SLOPE 50MM TO 100 MM TO "CENTERING OF TERRACE SLAB" TOWARD RAIN WATER PIPES IN CONSULTATION WITH THE ARCHITECT TO AVOID STAGNATION OF THE WATER AT TERRACE AND AVOID LEAKAGES IN FUTURE. U.N.O. - UNLESS NOTED OTHERWISE.

R4				
R3				
R2				
R1				
REVISION	DATE	DESCRIPTION	SIGN.	

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TITLE :- R. C. C. DETAIL OF FIRST FLOOR LVL

PROJECT :-

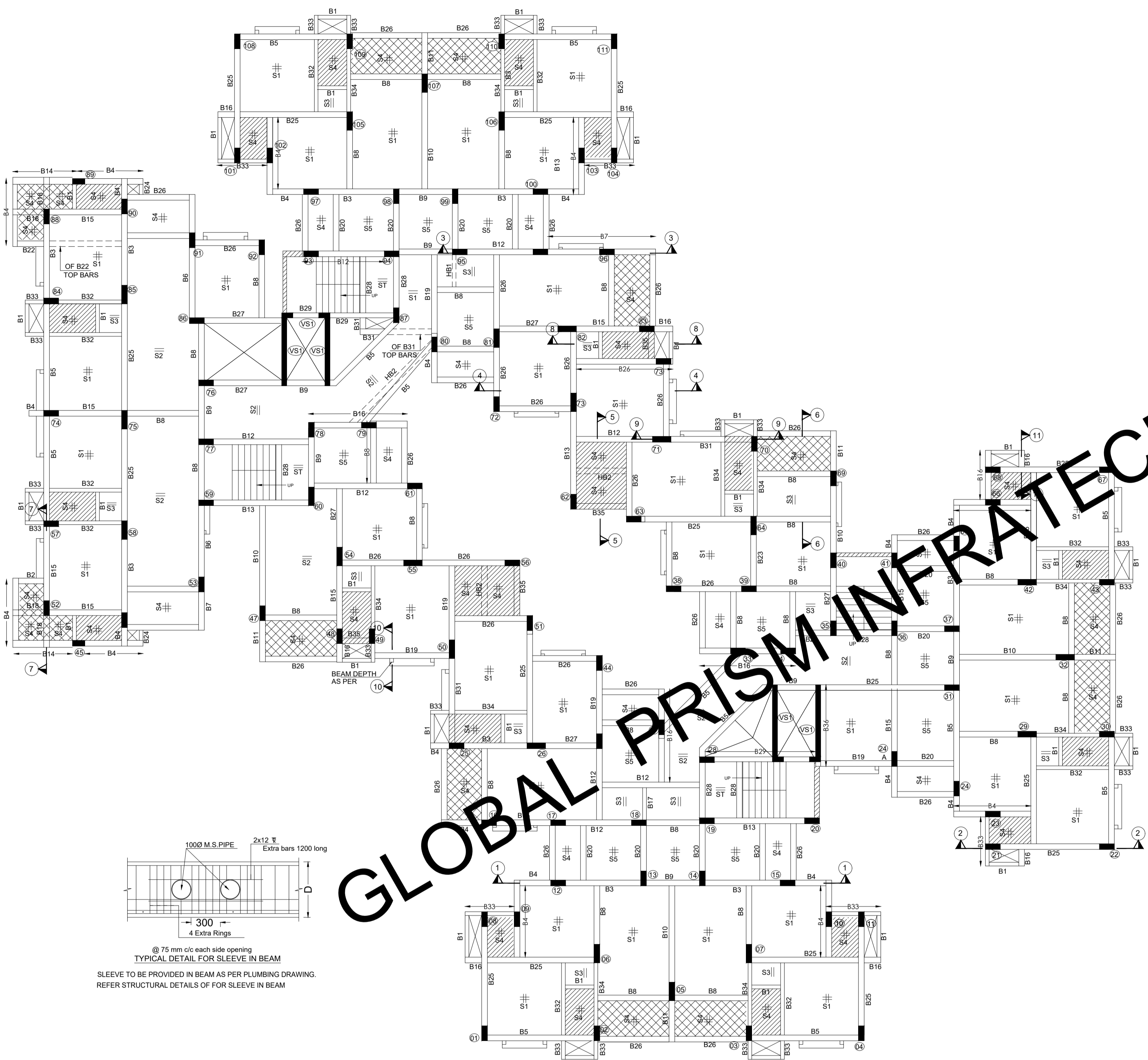
CLIENT :-

ARCHITECT :-

GLOBAL PRISM INFRA TECH PVT. LTD.
CONSULTING ENGINEERS

Chief Consultant: Sawan Sakale
F103, HIMALAYA ENCLAVE, PRATAP NAGAR CHOWK,
NEAR POLICE CHAUKI
PRATAPNAGAR, NAGPUR-440022.
PHONE: +91-9857228715
prisminfraconsultants@gmail.com

ANALYZED BY: SSS	SCALE: _____
DESIGNED BY: SSS	DATE: 06.03.2020
DRAWN BY: AS	DWG. NO.: _____
CHECKED BY: 1 SSS	ADVANCE COPY: <input checked="" type="checkbox"/>
SHEET 2 OF 2	G. F. C. : _____

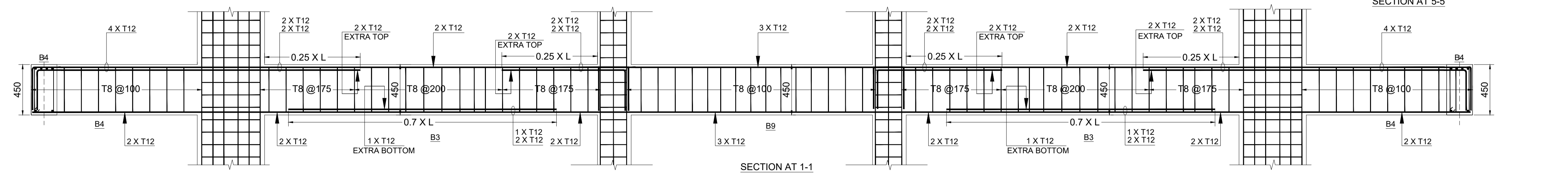


GLOBAL PRISM INFRA TECH PVT. LTD.

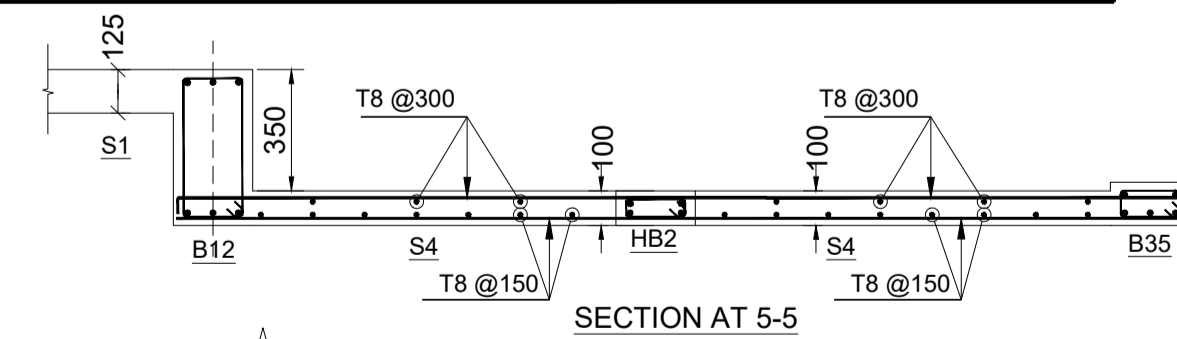
SECOND FLOOR LEVEL

- 350 MM SUNK FOR TOILET
- 50 MM SUNK FOR BALCONY
- 200 MM SUNK FOR WASH AREA

NOTE :- 1) AT SUPPORT, OUT OF EXTRA TOP R/F. ON LEFT SIDE & RIGHT SIDE, ADOPT HIGHER OF TWO & EXTEND UPTO 0.25xL ON BOTH SIDE FROM FACE OF COLUMN / SUPPORT.
 2) AT SUPPORT IF TOP R/F. ON BOTH SIDE IS EQUAL, ADOPT SAME AND EXTEND UPTO 0.25xL ON BOTH SIDE FROM FACE OF COLUMN / SUPPORT.
 3) MARK 'C' IN REMARK COLUMN INDICATE CANTILEVER BEAM. THE STIRRUPS WILL BE PLACED THUS. □
 4) FIRST STIRRUP IS AT 50mm FROM FACE OF COLUMN.



SECTION AT 1-1



SECTION AT 5-5

SCHEDULE OF BEAMS

BEAM NO.	SIZE		BOTTOM REINFORCEMENT		TOP REINFORCEMENT		STIRRUPS		SIDE BAR	REMARKS
	B	D	THROUGHOUT	MID SPAN 0.7xL	THROUGHOUT	EXTRA TOP 0.25xL FROM FACE OF COLUMN ON EACH SIDE	UPTO 2D FROM FACE OF COLUMN	AT MID SPAN		
B1										
B2										
B3										
B4										
B5										
B6										
B7										
B8										
B9										
B10										
B11										
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B29										
B30										
B31										
B32										
B33										
B34										
B35										
B36										
HB1										
HB2										
MB1										
MB2										

SCHEDULE OF SLAB

SLAB	SIZE (OVERALL) IN MM	MID SPAN MAIN BARS		TOP BARS THROUGHOUT	EXTRA TOP BARS UPTO 0.3xL FROM FACE OF BEAM	DISTRIBUTION BARS C/C	REMARKS
		BOTM. BARS	BOTTOM BENT-UP @ L/4 FROM CENTER				
STAIR1							
S1							
S2							
S3							
S4							
S5							
ST							

CONCRETE MIX : M 25. GRADE OF STEEL : Fe 500

1. SAFE BEARING CAPACITY OF SOIL

- S.B.C. OF SOIL FOR DESIGN OF FOUNDATION HAS BEEN TAKEN AS SPECIFIED MINIMUM DEPTH SHALL BE UPTO HARD STRATA. IN CASE OF ANY DOUBT REGARDING S.B.C. DURING EXCAVATION, THE MATTER SHALL BE REPORTED TO THE GEO-TECH. CONSULTANT.
- 2. REINFORCING STEEL**
 U.N.O. ALL REINFORCEMENT SHALL BE OF HIGH STRENGTH DEFORMED BARS OF SPECIFIED GRADE CONFORMING TO IS-1786 ALL REINFORCING STEEL TO BE OF TESTED QUALITY.
- 3. CONCRETE**
 U.N.O. CONCRETE MIX FOR ALL ELEMENT SHALL BE OF SPECIFIED GRADE CONFORMING IS: 456-2000.
- 4. P.C.C.**
 PLAIN CEMENT CONCRETE M-10
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 U.N.O. IN THE DWG. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS -
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 - AT BEAM & COLUMN JUNCTION, BEAM BARS IF IN CONFLICT WITH COLUMN BARS SHALL BE GRADUALLY BENT & PLACED CLEAR OFF COLUMN BARS. UNDER NO CIRCUMSTANCES COLUMN VERTICAL BARS SHALL BE BENT TO ACCOMMODATE BEAM BARS.
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 - IN HANGERS LAPPING OF BARS IS NOT PERMITTED BET. FLOORS
 - STIRRUPS FOR CANTILEVER BEAMS TO HAVE HOOK AT BOTTOM.
 - REMARK '4' LEGGED' MEANS AT ALL LOCATIONS U.N.O.
 - USE OF NEEDLE VIBRATOR AND PLASTISIZER RECOMMENDED FOR R.C.C. WORK.
 - USE DENSIFIED COATED PLYWOOD FOR SHUTTERING & FORMWORK.
 - BURNT OIL NOT PERMITTED FOR DE-SHUTTERING.
 - BOTTOM OF ALL OUTER BEAM SHALL BE 150MM BELOW GROUND LVL AND SHOULD HAVE CLEAR AIR GAP OF 150MM FOR B.C. SOIL STRUCTURE.
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 - CURB/CURB EXPOSED SURFACE OF CONCRETE SHALL BE KEPT CONTINUOUSLY IN WET CONDITION MINIMUM FOR 14 DAYS.
 - CUTOUT OPENING - ANY TYPE OF OPENINGS FOR PLUMBING, DRAINAGE OR ELECTRICAL NOT PERMITTED IN R.C.C. BEAMS AND COLUMNS DURING OR AFTER CASTING.
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R4			
R3			
R2			
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REVISION	DATE	DESCRIPTION	SIGN.

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TITLE :- R. C. C. DETAIL OF SECOND FLOOR LVL

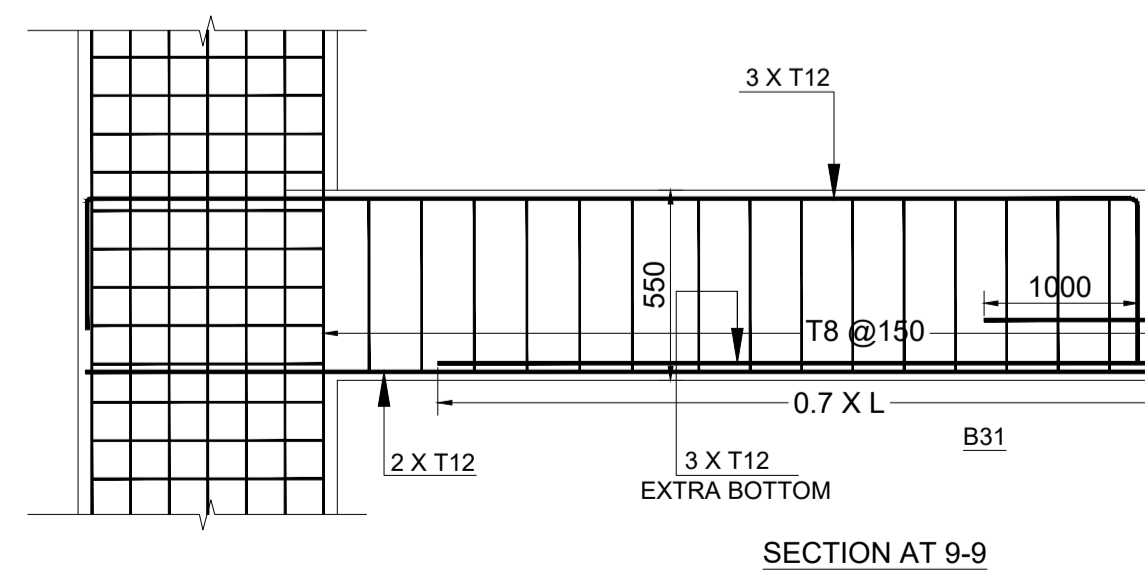
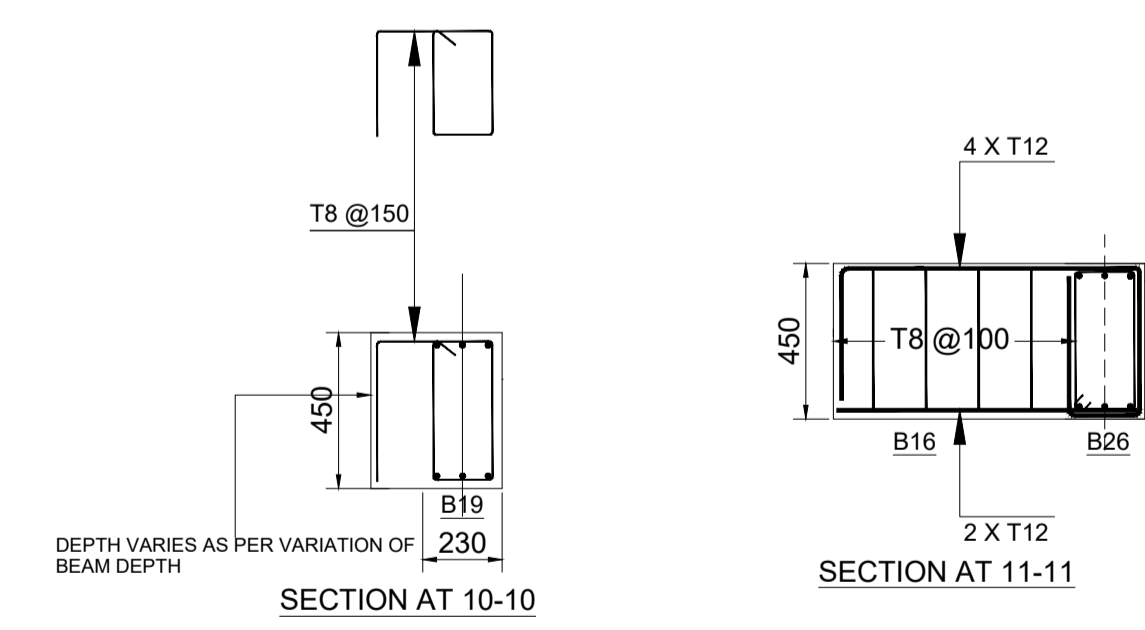
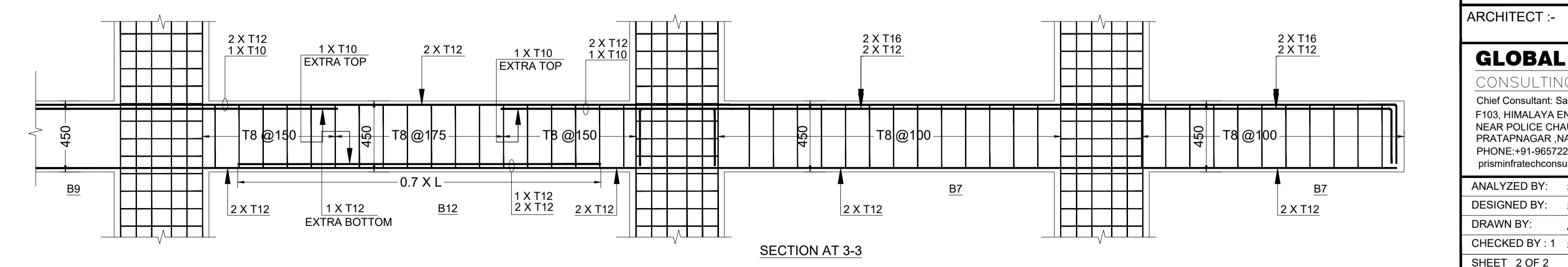
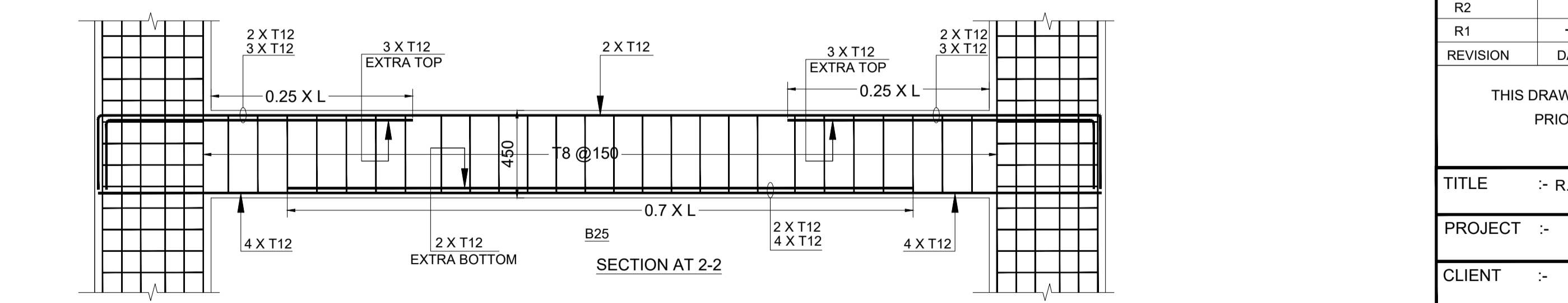
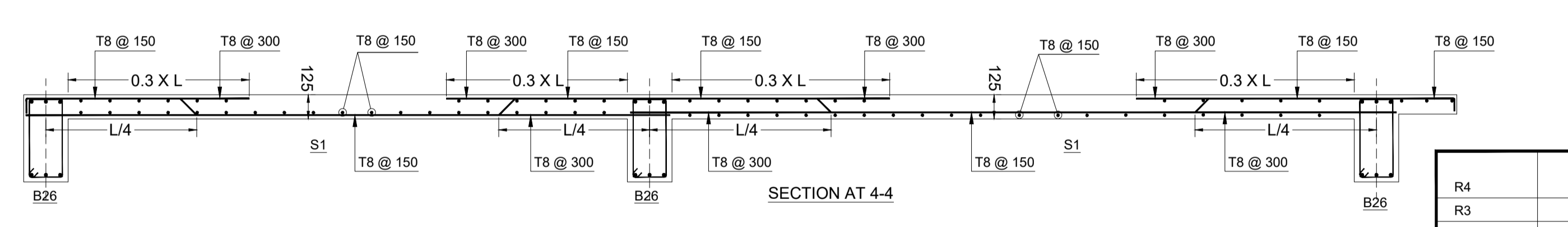
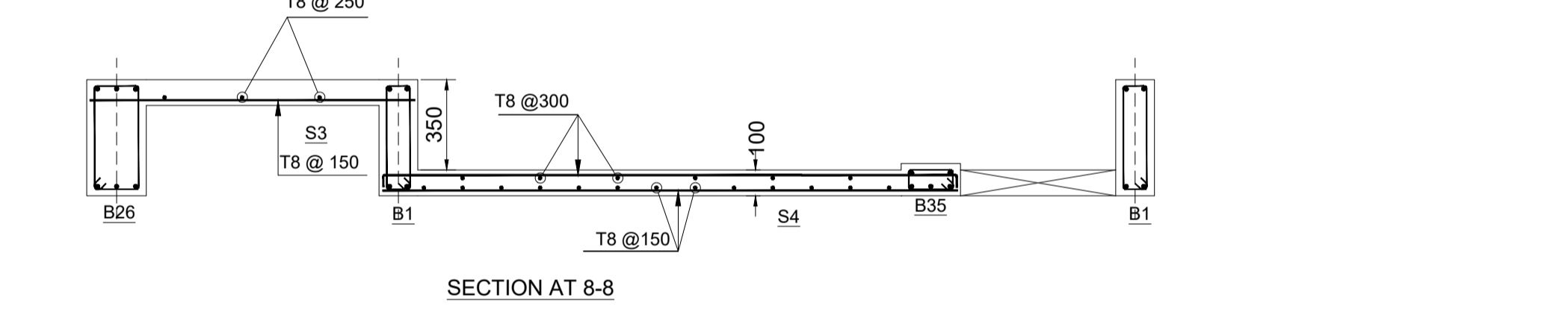
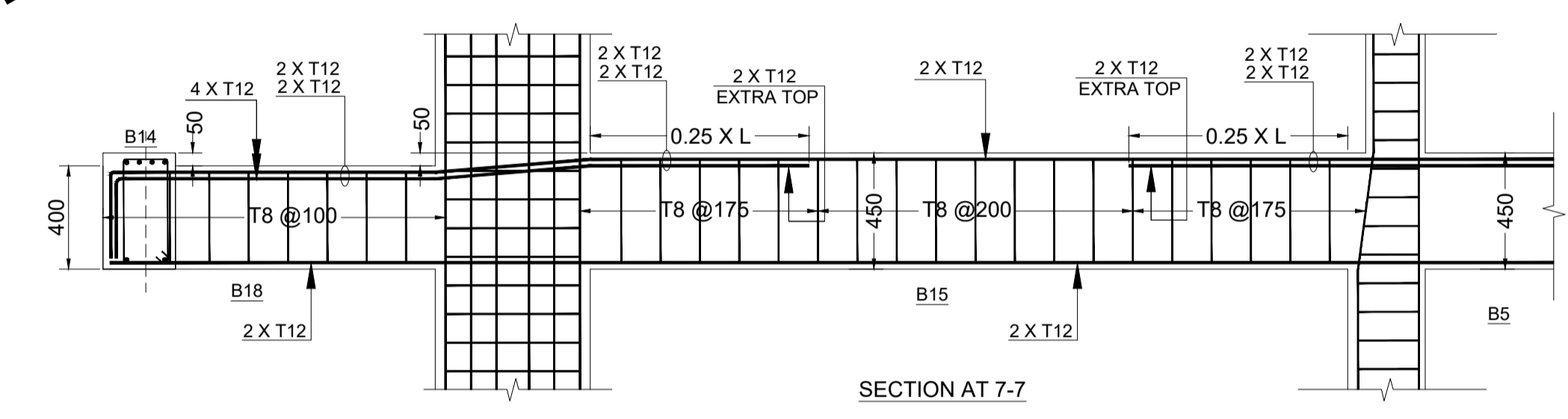
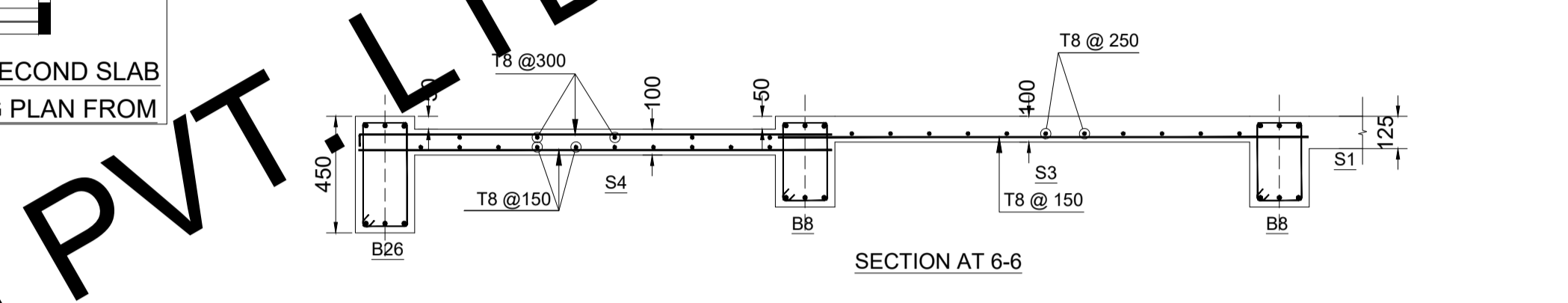
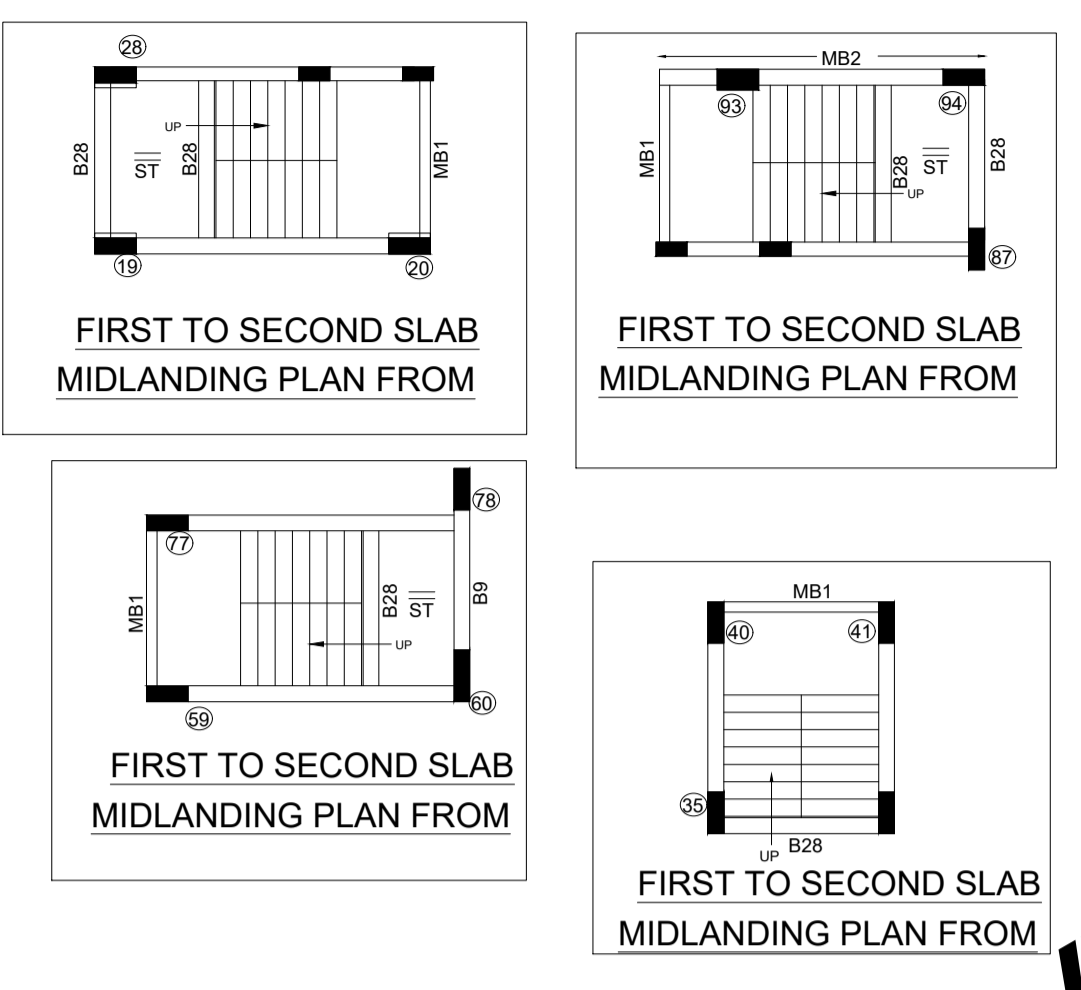
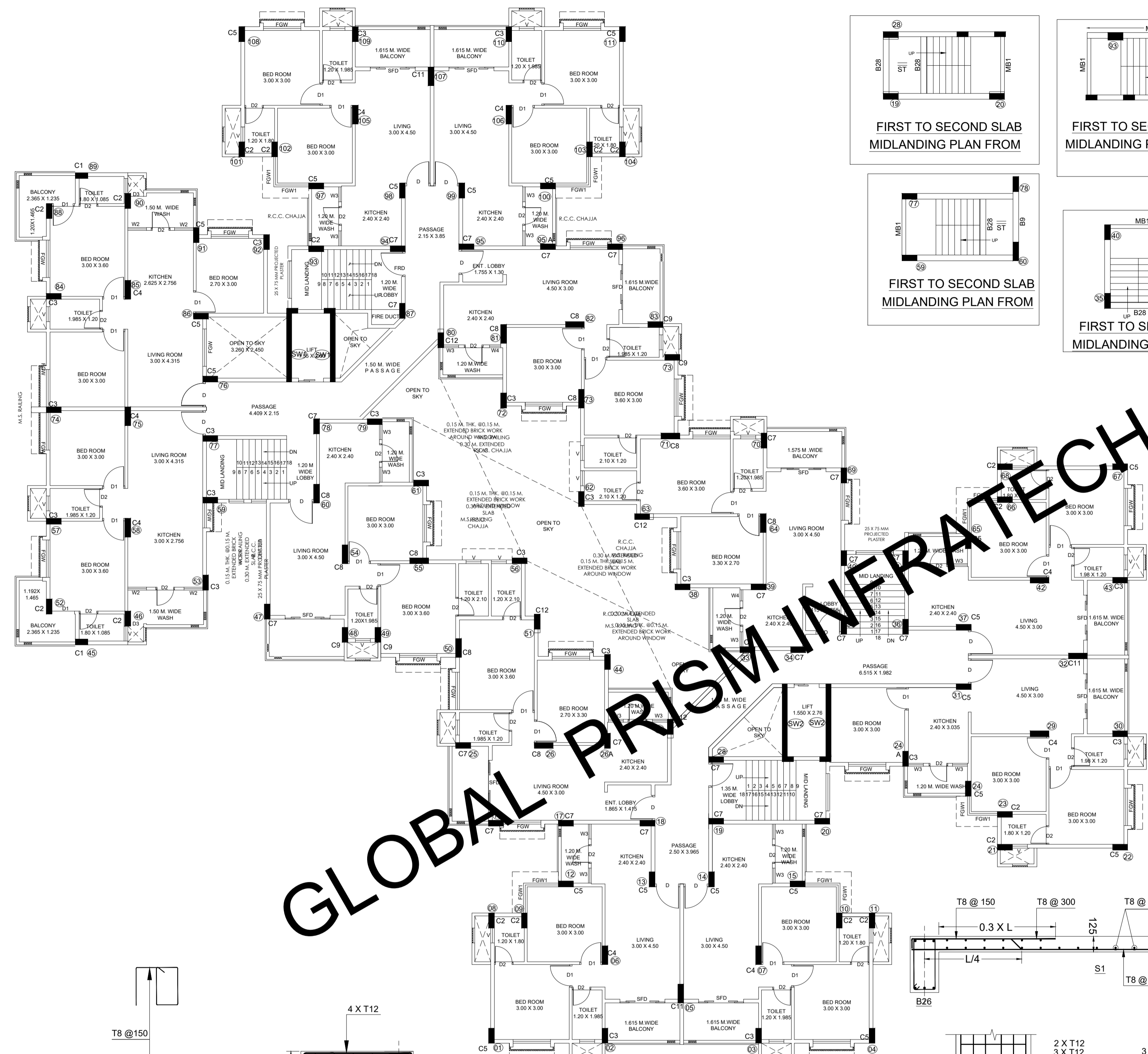
PROJECT :-

CLIENT :-

ARCHITECT :-

GLOBAL PRISM INFRA TECH PVT. LTD.
 CONSULTING ENGINEERS
 Chief Consultant: Sawan Sakale
 F103, HIMALAYA ENCLAVE, PRATAP NAGAR CHOWK,
 NEAR POLICE CHAUKI,
 PRATAPNAGAR, NAGPUR-440022.
 PHONE: +91-9657228115
 prisminfraconsultants@gmail.com

ANALYZED BY: SSS	SCALE: -----
DESIGNED BY: SSS	DATE: 06.03.2020
DRAWN BY: AS	DWG. NO.: -----
CHECKED BY: SSS	ADVANCE COPY: <input checked="" type="checkbox"/>
SHEET 1 OF 2	G. F. C. : <input checked="" type="checkbox"/>



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 PLAIN CEMENT CONCRETE M-10

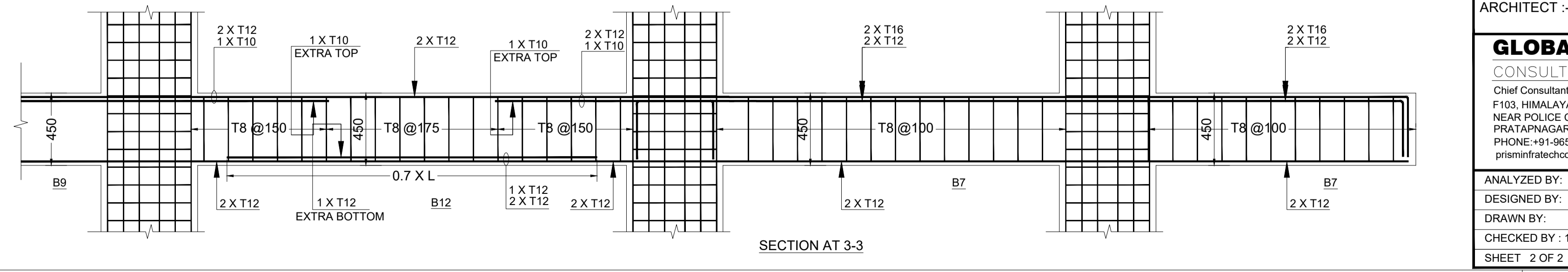
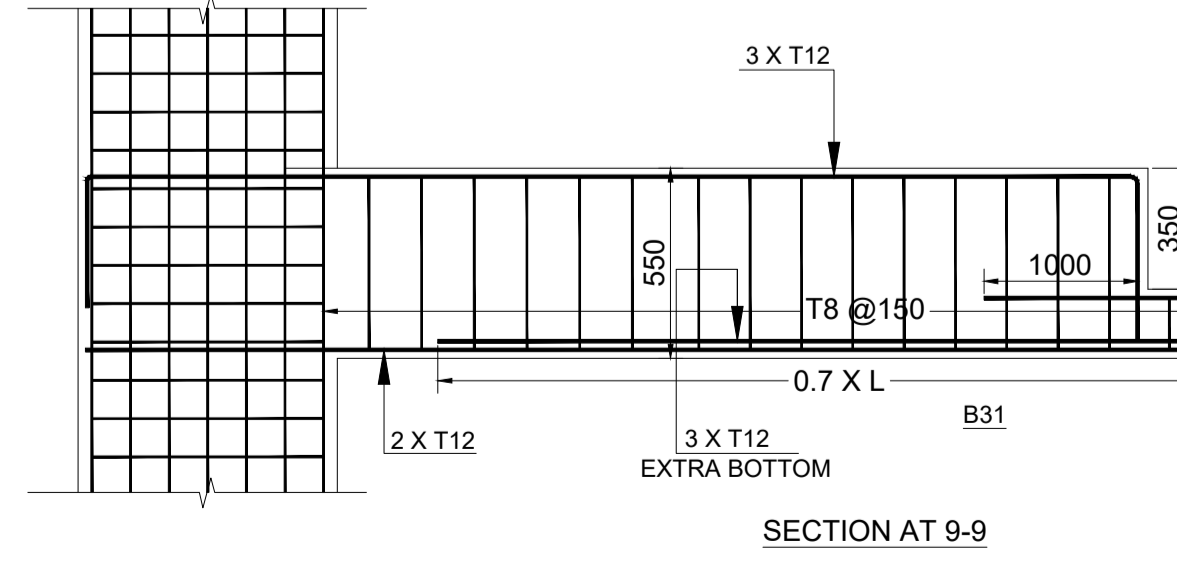
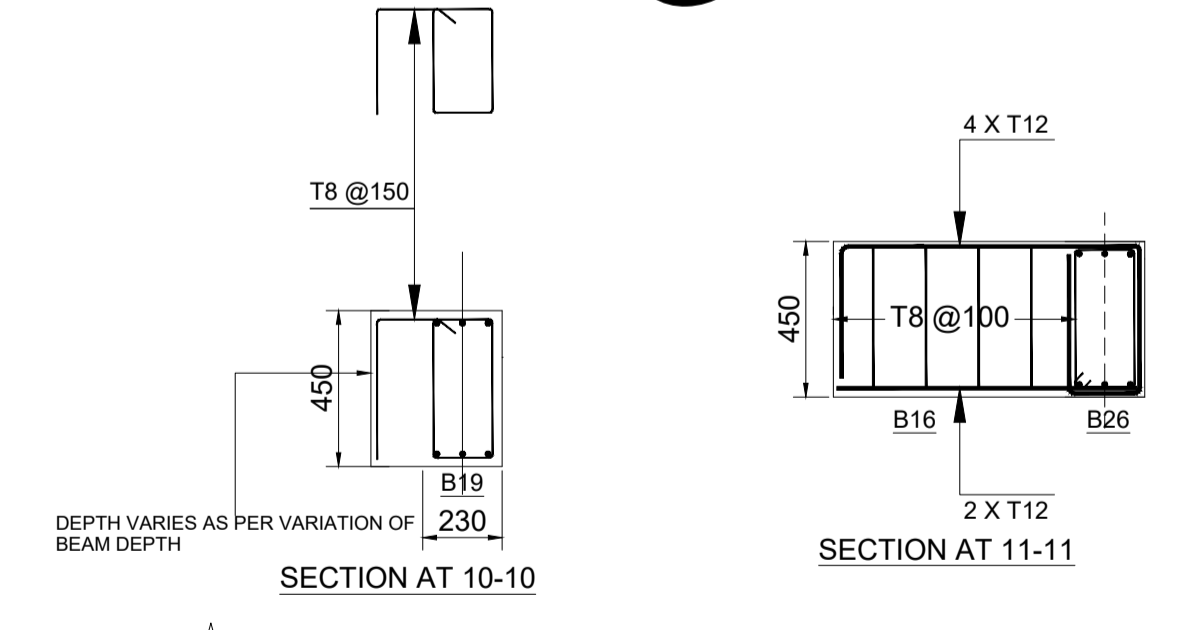
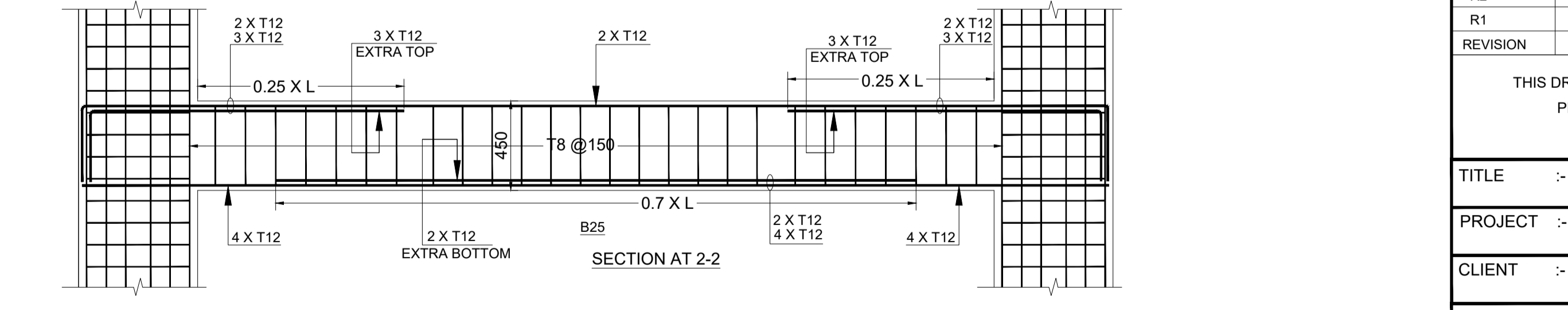
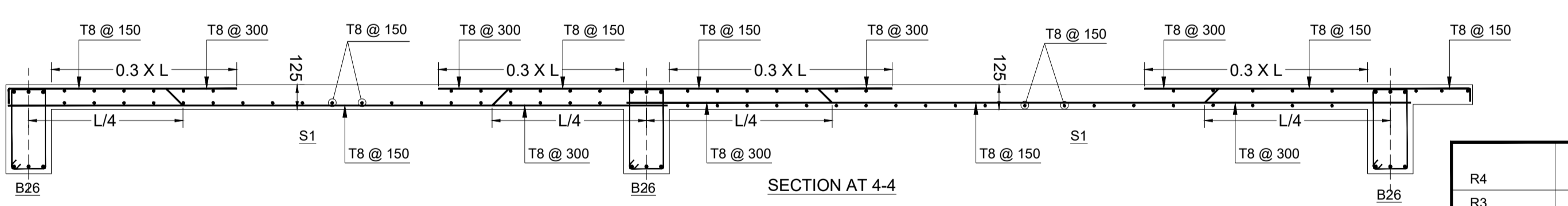
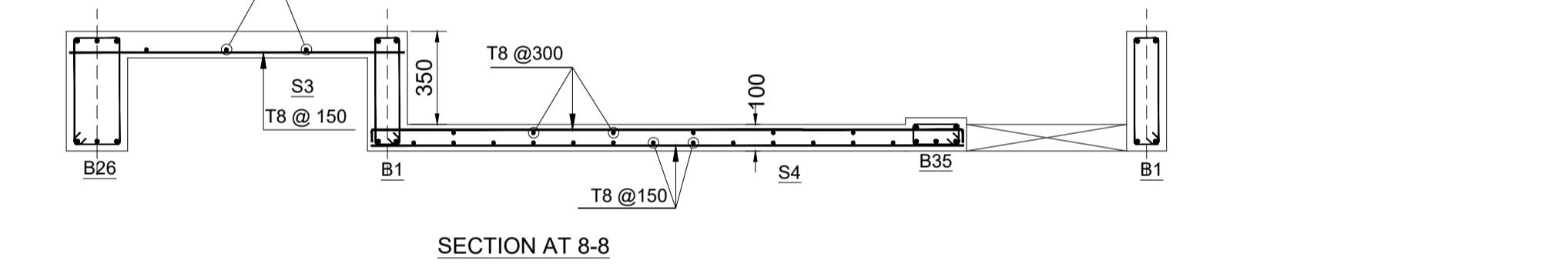
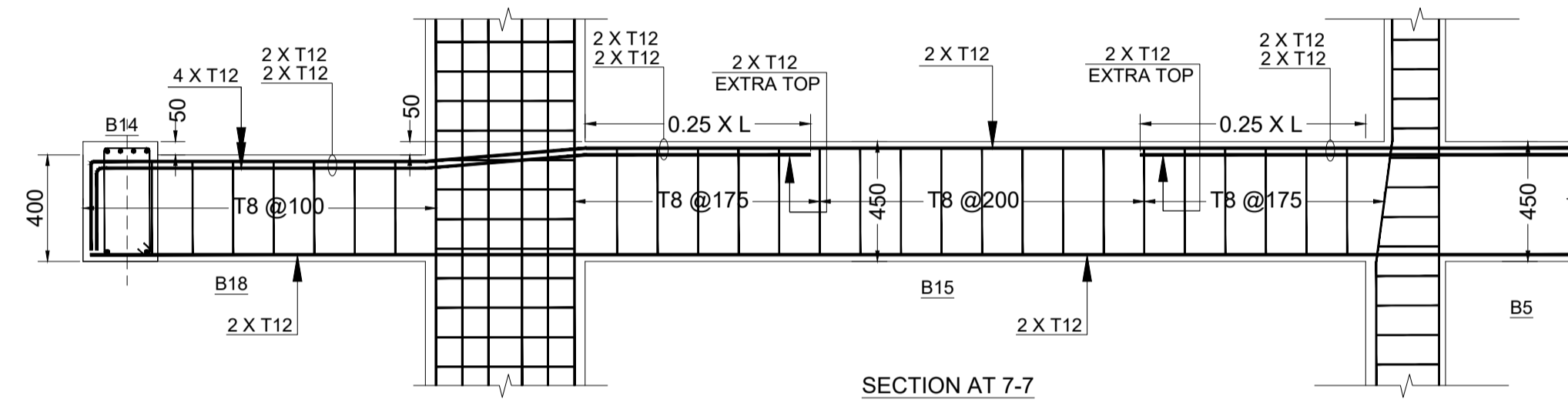
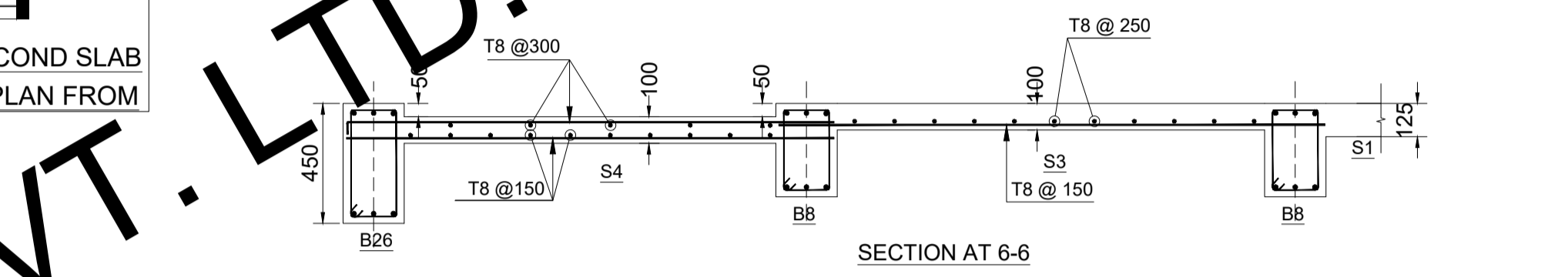
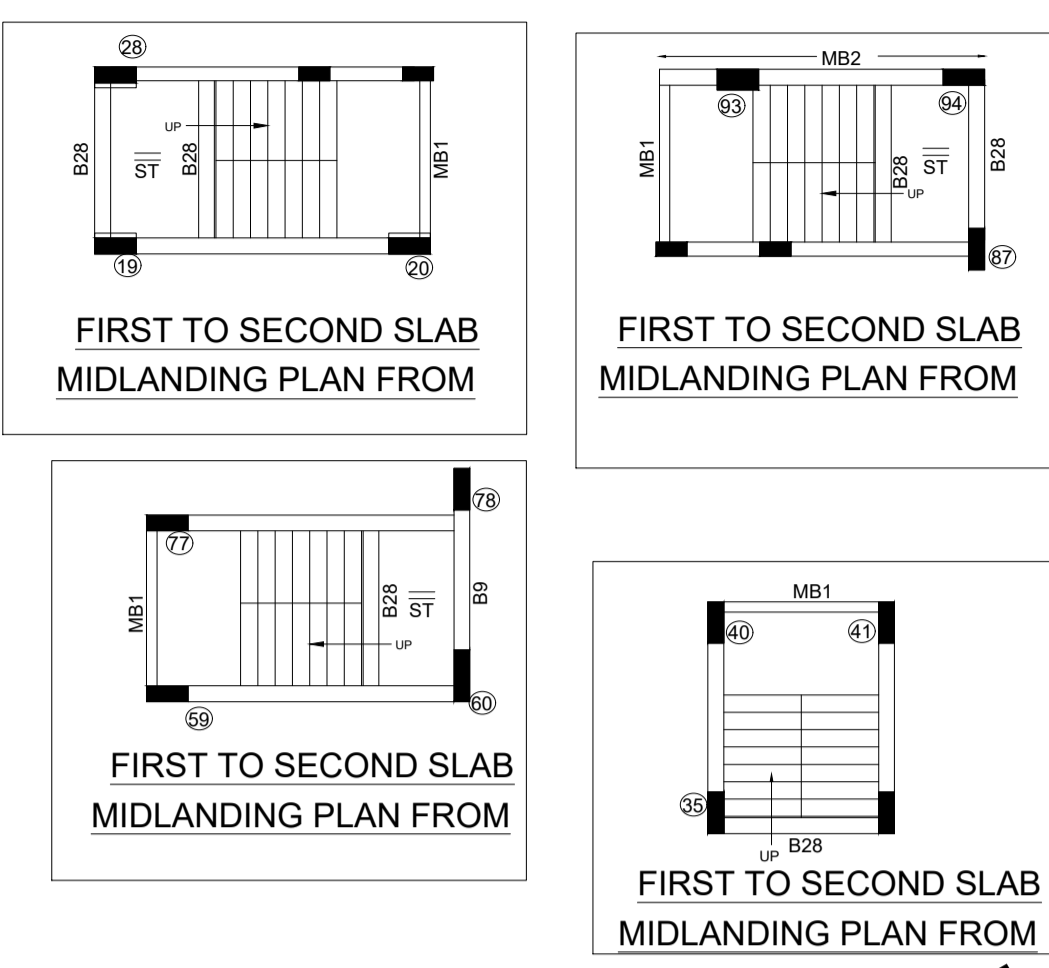
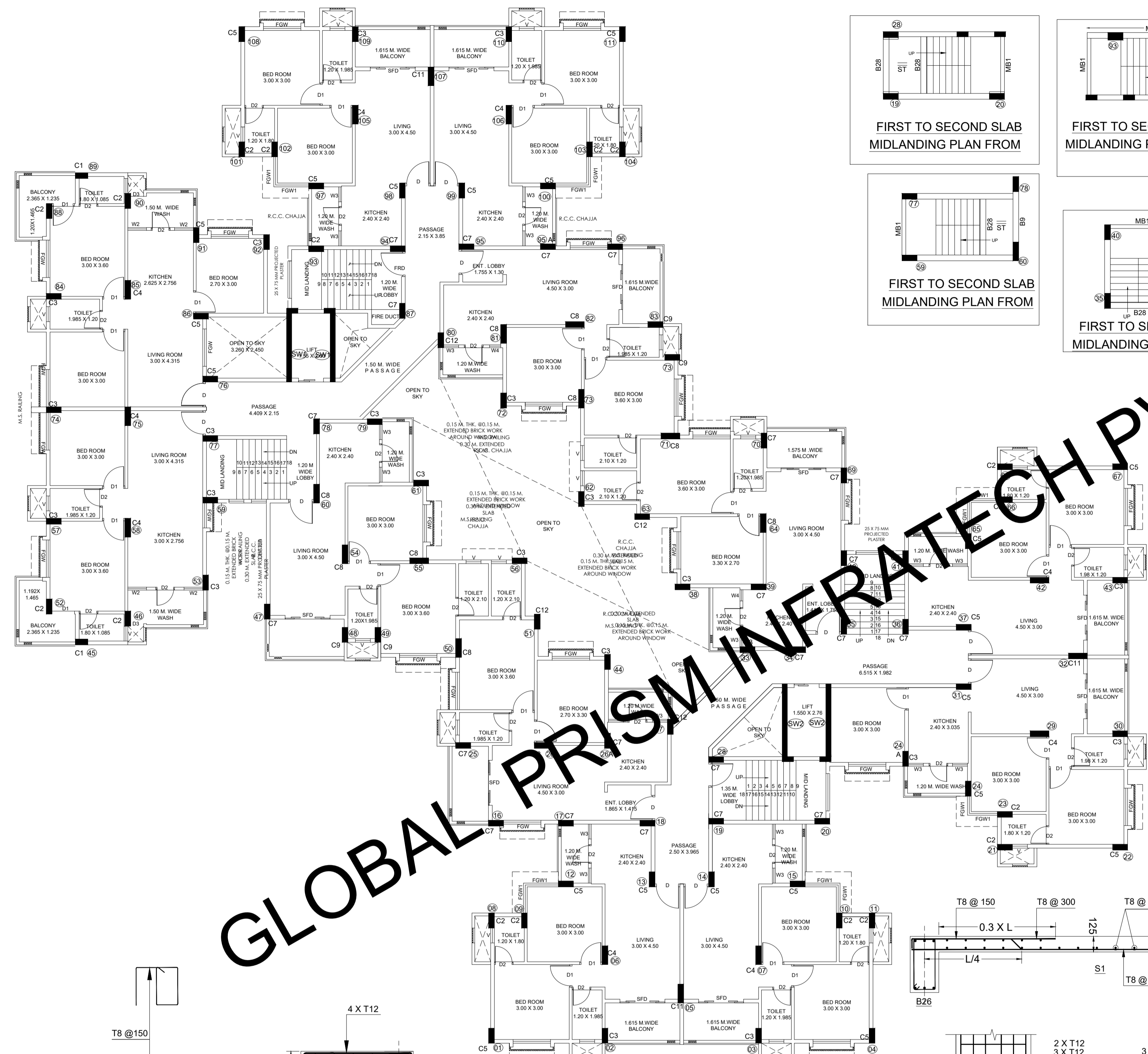
5. COVER
 U.N.O. IN THE DWG. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS -
 (1) FOOTING (50 mm) (3) BEAM (25 mm)
 (2) COLUMN (40 mm) (4) SLAB (20 mm)
 OR DIA. OF BAR WHICHEVER IS GREATER.

GENERAL NOTES

- EXTRA TOP OR BENT-UP BARS SHALL BE EXTENDED UPTO 0.3L IN ADJACENT SPAN OVER A CONTINUOUS SUPPORT AND ANCHOR DOWN AT END SUPPORT.
- AT BEAM & COLUMN JUNCTION, BEAM BARS IF IN CONFLICT WITH COLUMN BARS SHALL BE GRADUALLY BENT & PLACED CLEAR OFF COLUMN BARS. UNDER NO CIRCUMSTANCES COLUMN VERTICAL BARS SHALL BE BENT TO ACCOMMODATE BEAM BARS.
- CONFINING STIRRUPS IN BEAM COLUMN JUNCTION SHALL BE PROVIDED AT THE SPACING INDICATED. HOWEVER IF BEAMS ARE CONNECTED ON ALL THE FOUR DIRECTIONS / SIDES OF COLUMN, THE SPACING OF LATERAL TIES IN COLUMN SHOULD BE DOUBLED. (ONLY AT BEAM COLUMN JUNCTION PORTION.)
- RINGS/STIRRUPS SIZE IN COLUMN IS SAME BELOW AND ABOVE G.L.
- U.N.O. MINIMUM LAP LENGTH SHALL BE 50 TIMES OF BAR DIAMETER OF SMALLER BAR AT ANY SECTION.
- NOT MORE THAN 50% OF BARS SHALL BE LAPPED AT A SECTION. THE LOCATION OF LAPPING SHALL BE AVOIDED AS FOLLOWS -
 (a) FOR FLOOR BEAMS/LAP TO MID SPAN IN BOTTOM BARS & CLOSE TO SUPPORT IN TOP BARS.
 (b) FOR FOUNDATION BEAM/LAP CLOSE TO MID SPAN IN TOP BARS & CLOSE TO SUPPORT IN BOTTOM BARS.
- IN HANGERS LAPPING OF BARS IS NOT PERMITTED BET. FLOORS
- STIRRUPS FOR CANTILEVER BEAMS TO HAVE HOOK AT BOTTOM.
- REMARK '4 LEGGED' MEANS AT ALL LOCATIONS U.N.O.
- USE OF NEEDLE VIBRATOR AND PLASTISIZER RECOMMENDED FOR R.C.C. WORK.
- USE DENSIFIED COATED PLYWOOD FOR SHUTTERING & FORMWORK.
- BURNT OIL NOT PERMITTED FOR DE-SHUTTERING.
- BOTTOM OF ALL OUTER BEAM SHALL BE 150MM BELOW GROUND LVL AND SHOULD HAVE CLEAR AIR GAP OF 150MM FOR B.C. SOIL STRUCTURE.
- TOP OF ALL INNER BEAMS & OUTER BEAMS AT SAME FINISHED PLINTH LEVEL.
- PLINTH BEAMS SHALL BE CASTED ONLY BY USING BOTTOM SHUTTERING PREPARED BOTTOM BY BRICK WORK OR P.C.C. IS NOT RECOMMENDED FOR CASTING PLINTH BEAMS.
- CURB: EXPOSED SURFACE OF CONCRETE SHALL BE KEPT CONTINUOUSLY IN WET CONDITION MINIMUM FOR 14 DAYS.
- CUTOUT OPENING: ANY TYPE OF OPENINGS FOR PLUMBING, DRAINAGE OR ELECTRICAL NOT PERMITTED IN R.C.C. BEAMS AND COLUMNS DURING OR AFTER CASTING.
- SLEEVE: FOR SLEEVES PROVIDE ADDL TWO RINGS SPACED @ 75MM C/C ON EITHER SIDE OF IT.
- U.N.O. IN THE DWG., CONSTRUCTION JOINT SHOULD BE APPROVED BY ENGINEER AT SITE.
 CONSTRUCTION JOINT SHOULD BE AT QUARTER SPAN OF BEAM AND SLAB. IN NO CONDITION SHOULD BE AT THE SUPPORT.
- READ THIS DWG. WITH RELEVANT ARCHITECTURAL & SERVICES DWG.
- DO NOT SCALE THE DWG. ONLY WRITTEN DIMENSION ARE TO BE FOLLOWED.
- ALL DIMENSIONS ARE IN MM. EXCEPT IN LAYOUT, LEVELS ARE IN METER.
- IN CASE OF ANY AMBIGUITY, PLEASE BRING IT TO THE NOTICE OF THIS OFFICE BEFORE EXECUTION OF WORK.
- SHUTTERING & SCAFFOLDING IS AT THE RESPONSIBILITY OF CONTRACTOR.
- STRIPPING TIME TABLE AS PER IS: 456-2000.
- TOP BARS OF ALL CANTILEVER BEAM / SLAB SHOULD BE EXTENDED ON OPPOSITE SIDE UP TO 1.5 TIMES CANTILEVER PROJECTION LNO.
- PROVIDE SLOPE 50MM TO 100 MM TO "CENTERING OF TERRACE SLAB" TOWARD RAIN WATER PIPES IN CONSULTATION WITH THE ARCHITECT TO AVOID STAGNATION OF THE WATER AT TERRACE AND AVOID LEAKAGES IN FUTURE. U.N.O. - UNLESS NOTED OTHERWISE.

GLOBAL PRISM INFRA TECH PVT. LTD.

R4			
R3			
R2			
R1			
REVISION	DATE	DESCRIPTION	SIGN.
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TITLE :- R. C. C. DETAIL OF SECOND FLOOR LVL			
PROJECT :-			
CLIENT :-			
ARCHITECT :-			
GLOBAL PRISM INFRA TECH PVT. LTD.			
CONSULTING ENGINEERS			
Chief Consultant: Sawan Sakale			
F103, HIMALAYA ENCLAVE, PRATAP NAGAR CHOWK, NEAR POLICE CHAUKI PRATAPNAGAR, NAGPUR-440022. PHONE: +91-9657228715 prisminfraconsultants@gmail.com			
ANALYZED BY: SSS	SCALE:		
DESIGNED BY: SSS	DATE: 06.03.2020		
DRAWN BY: AS	DWG. NO.:		
CHECKED BY: 1 SSS	ADVANCE COPY:		
SHEET 2 OF 2	G. F. C. :		



1. SAFE BEARING CAPACITY OF SOIL
 S.B.C. OF SOIL FOR DESIGN OF FOUNDATION HAS BEEN TAKEN AS SPECIFIED. MINIMUM DEPTH SHALL BE UPTO HARD STRATA. IN CASE OF ANY DOUBT REGARDING S.B.C. DURING EXCAVATION, THE MATTER SHALL BE REPORTED TO THE GEO-TECH. CONSULTANT.

2. REINFORCING STEEL
 U.N.O. ALL REINFORCEMENT SHALL BE OF HIGH STRENGTH DEFORMED BARS OF SPECIFIED GRADE CONFORMING TO IS-1786 ALL REINFORCING STEEL TO BE OF TESTED QUALITY.

3. CONCRETE
 U.N.O. CONCRETE MIX FOR ALL ELEMENT SHALL BE OF SPECIFIED GRADE CONFORMING IS: 456-2000.

4. P.C.C.
 PLAIN CEMENT CONCRETE M-10

5. COVER
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 (1) FOOTING (50 mm) (3) BEAM (25 mm)
 (2) COLUMN (40 mm) (4) SLAB (20 mm)
 OR DIA. OF BAR WHICHEVER IS GREATER.

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- REMARK '4 LEGGED' MEANS AT ALL LOCATIONS U.N.O.
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- PROVIDE SLOPE 50MM TO 100 MM TO "CENTERING OF TERRACE SLAB" TOWARD RAIN WATER PIPES IN CONSULTATION WITH THE ARCHITECT TO AVOID STAGNATION OF THE WATER AT TERRACE AND AVOID LEAKAGES IN FUTURE. U.N.O. - UNLESS NOTED OTHERWISE.

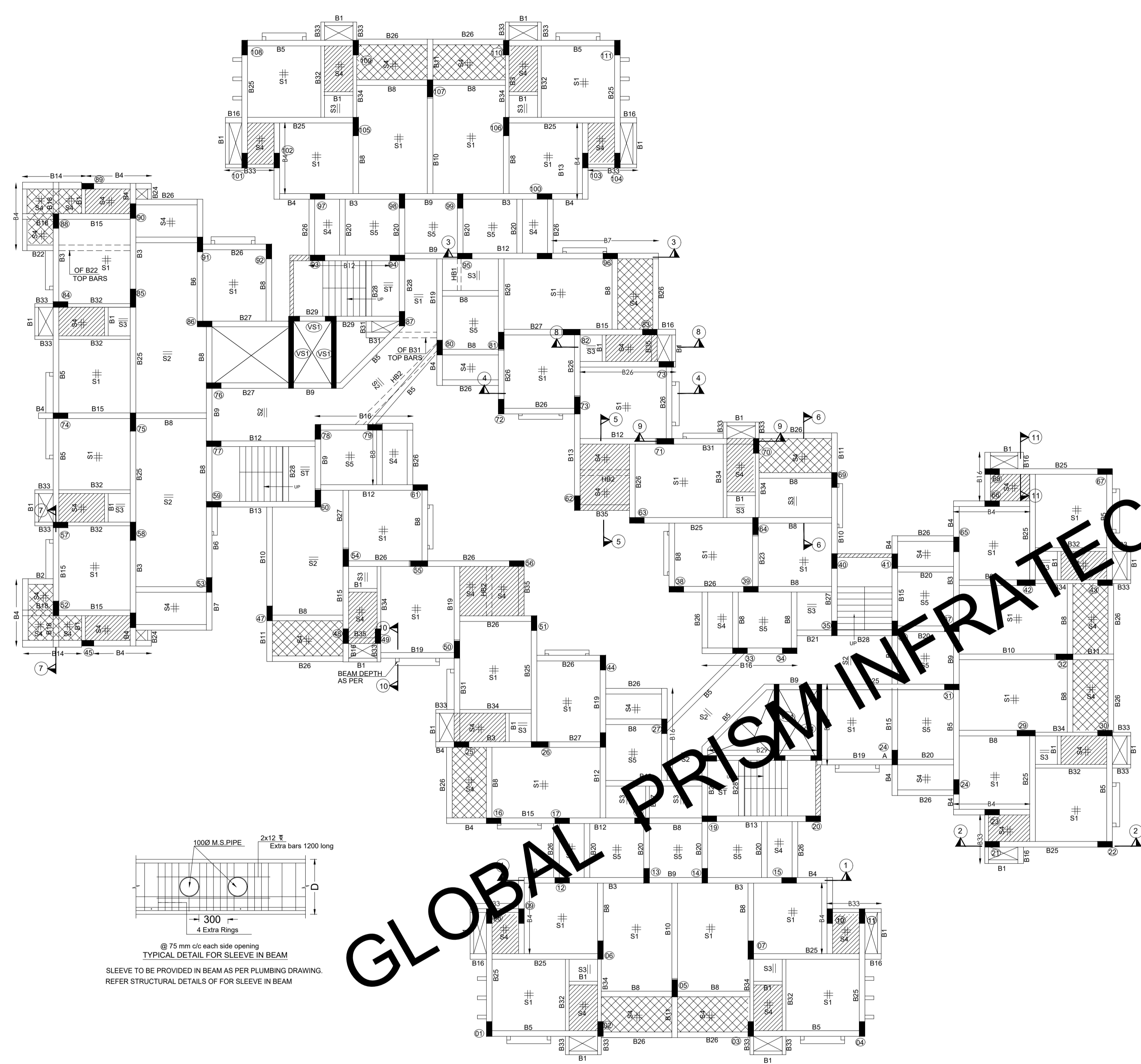
REVISION	DATE	DESCRIPTION	SIGN.
R4			
R3			
R2			
R1			

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TITLE :- R. C. C. DETAIL OF THIRD FLOOR LVL
 PROJECT :-
 CLIENT :-
 ARCHITECT :-

GLOBAL PRISM INFRA TECH PVT. LTD.
 CONSULTING ENGINEERS
 Chief Consultant: Sawan Sakale
 F103, HIMALAYA ENCLAVE, PRATAP NAGAR CHOWK,
 NEAR POLICE CHAUKI,
 PRATAPNAGAR, NAGPUR-440022.
 PHONE: +91-965722815
 prisminfraconsultants@gmail.com

ANALYZED BY: SSS SCALE: _____
 DESIGNED BY: SSS DATE: 06.03.2020
 DRAWN BY: AS DWG. NO.: _____
 CHECKED BY: 1 SSS ADVANCE COPY: _____
 SHEET 2 OF 2 G. F. C. : _____



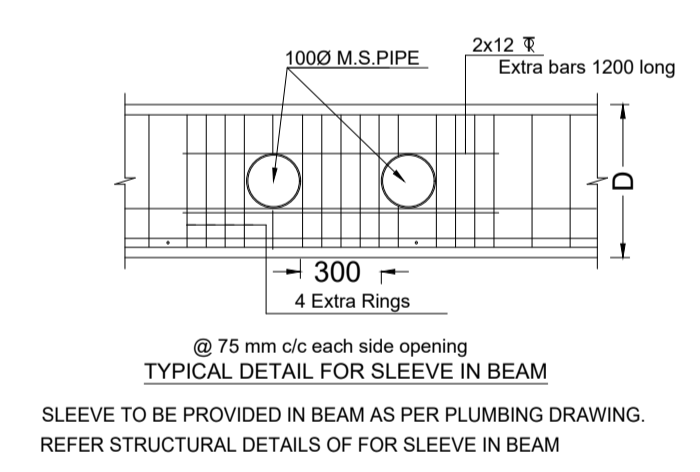
GLOBAL PRISM INFRA TECH PVT. LTD.

CONCRETE MIX : M 25, GRADE OF STEEL : Fe 500

BEAM NO.	SIZE		BOTTOM REINFORCEMENT		TOP REINFORCEMENT		STIRRUPS		SIDE BAR	REMARKS
	B	D	THROUGHOUT	MID SPAN 0.7xL	THROUGHOUT	EXTRA TOP 0.25xL FROM FACE OF COLUMN ON EACH SIDE	UPTO 2D FROM FACE OF COLUMN	AT MID SPAN		
B1										
B2										
B3										
B4										
B5										
B6										
B7										
B8										
B9										
B10										
B11										
B12										
B13										
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B32										
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B34										
HB1										
HB2										
MB1										
MB2										

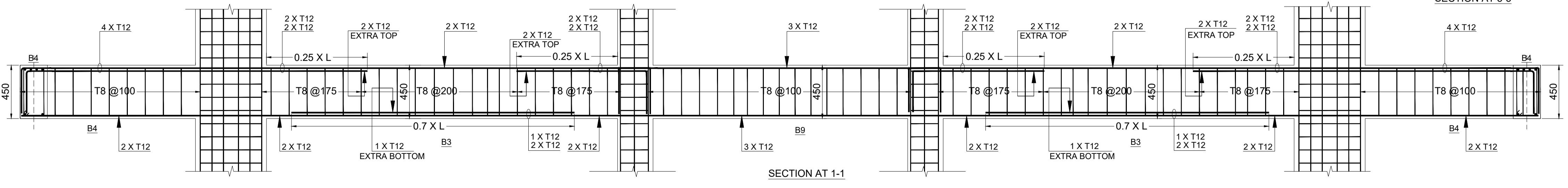
- 1. SAFE BEARING CAPACITY OF SOIL**
S.B.C. OF SOIL FOR DESIGN OF FOUNDATION HAS BEEN TAKEN AS SPECIFIED. MINIMUM DEPTH SHALL BE UPTO HARD STRATA. IN CASE OF ANY DOUBT REGARDING S.B.C. DURING EXCAVATION, THE MATTER SHALL BE REPORTED TO THE GEO-TECH. CONSULTANT.
- 2. REINFORCING STEEL**
U.N.O. ALL REINFORCEMENT SHALL BE OF HIGH STRENGTH DEFORMED BARS OF SPECIFIED GRADE CONFORMING TO IS:1786 ALL REINFORCING STEEL TO BE OF TESTED QUALITY.
- 3. CONCRETE**
U.N.O. CONCRETE MIX FOR ALL ELEMENT SHALL BE OF SPECIFIED GRADE CONFORMING IS: 456:2000.
- 4. P.C.C.**
PLAIN CEMENT CONCRETE M-10
- 5. COVER**
U.N.O. IN THE DWG. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS :-
(1) FOOTING (50 mm) (3) BEAM (25 mm)
(2) COLUMN (40 mm) (4) SLAB (20 mm)
OR DIA. OF BAR WHICHEVER IS GREATER.
- GENERAL NOTES**
 1. EXTRA TOP OR BENT-UP BARS SHALL BE EXTENDED UPTO 0.3xL IN ADJACENT SPAN OVER A CONTINUOUS SUPPORT AND ANCHOR DOWN AT END SUPPORT.
 2. AT BEAM & COLUMN JUNCTION BEAM BARS IF IN CONFLICT WITH COLUMN BARS SHALL BE GRADUALLY BENT & PLACED CLEAR OFF COLUMN BARS. UNDER NO CIRCUMSTANCES COLUMN VERTICAL BARS SHALL BE BENT TO ACCOMMODATE BEAM BARS.
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(b) CLOSE TO SUPPORT IN TOP BARS
(c) FOR FOUNDATION BEAM/RFT LAPS CLOSE TO MID SPAN IN TOP BARS & CLOSE TO SUPPORT IN BOTTOM BARS.
 7. IN HANGERS LAPPING OF BARS IS NOT PERMITTED BET. FLOORS
 8. STIRRUPS FOR CANTILEVER BEAMS TO HAVE HOOK AT BOTTOM.
 9. REMARK '4 LEGGED' MEANS AT ALL LOCATIONS U.N.O.
 10. USE OF NEEDLE VIBRATOR AND PLASTISIZER RECOMMENDED FOR R.C.C. WORK.
 11. USE DESIGNATED COATED PLYWOOD FOR SHUTTERING & FORMWORK.
 12. BURNT OIL NOT PERMITTED FOR DE-SHUTTERING.
 13. BOTTOM OF ALL OUTER BEAM SHALL BE 150MM BELOW GROUND LVL AND SHOULD HAVE CLEAR AIR GAP OF 150MM FOR B.C. SOIL STRUCTURE.
 14. TOP OF ALL INNER BEAMS & OUTER BEAMS AT SAME FINISHED FINISH LEVEL.
 15. PLINTH BEAMS SHALL BE CASTED ONLY BY USING BOTTOM SHUTTERING PREPARED BOTTOM BY BRICK WORK OR PCC IS NOT RECOMMENDED FOR CASTING PLINTH BEAMS.
 16. CURING :- EXPOSED SURFACE OF CONCRETE SHALL BE KEPT CONTINUOUSLY IN WET CONDITION MINIMUM FOR 14 DAYS.
 17. CUTOFF OPENINGS :- ANY TYPE OF OPENINGS FOR PLUMBING, DRAINAGE OR ELECTRICAL NOT PERMITTED IN R.C.C. BEAMS AND COLUMNS DURING OR AFTER CASTING.
 18. SLEEVE :- FOR SLEEVES PROVIDE ADD'L TWO RINGS SPACED @ 75MM C/C ON EITHER SIDE OF IT.
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 27. PROVIDE SLOPE 50MM TO 100 MM TO 'CENTERING OF TERRACE SLAB' TOWARD RAIN WATER PIPES IN CONSULTATION WITH THE ARCHITECT TO AVOID STAGNATION OF THE WATER AT TERRACE AND AVOID LEAKAGES IN FUTURE. U.N.O. - UNLESS NOTED OTHERWISE.

SLAB	SIZE (OVERALL) IN MM	MID SPAN MAIN BARS		TOP BARS THROUGHOUT	EXTRA TOP BARS UPTO 0.3xL FROM FACE OF BEAM	DISTRIBUTION BARS C/C	REMARKS
		BOTM. BARS	BOTTOM BENT-UP @ L/4 FROM CENTER				
STAIR1							
S1							
S2							
S3							
S4							
S5							
ST							

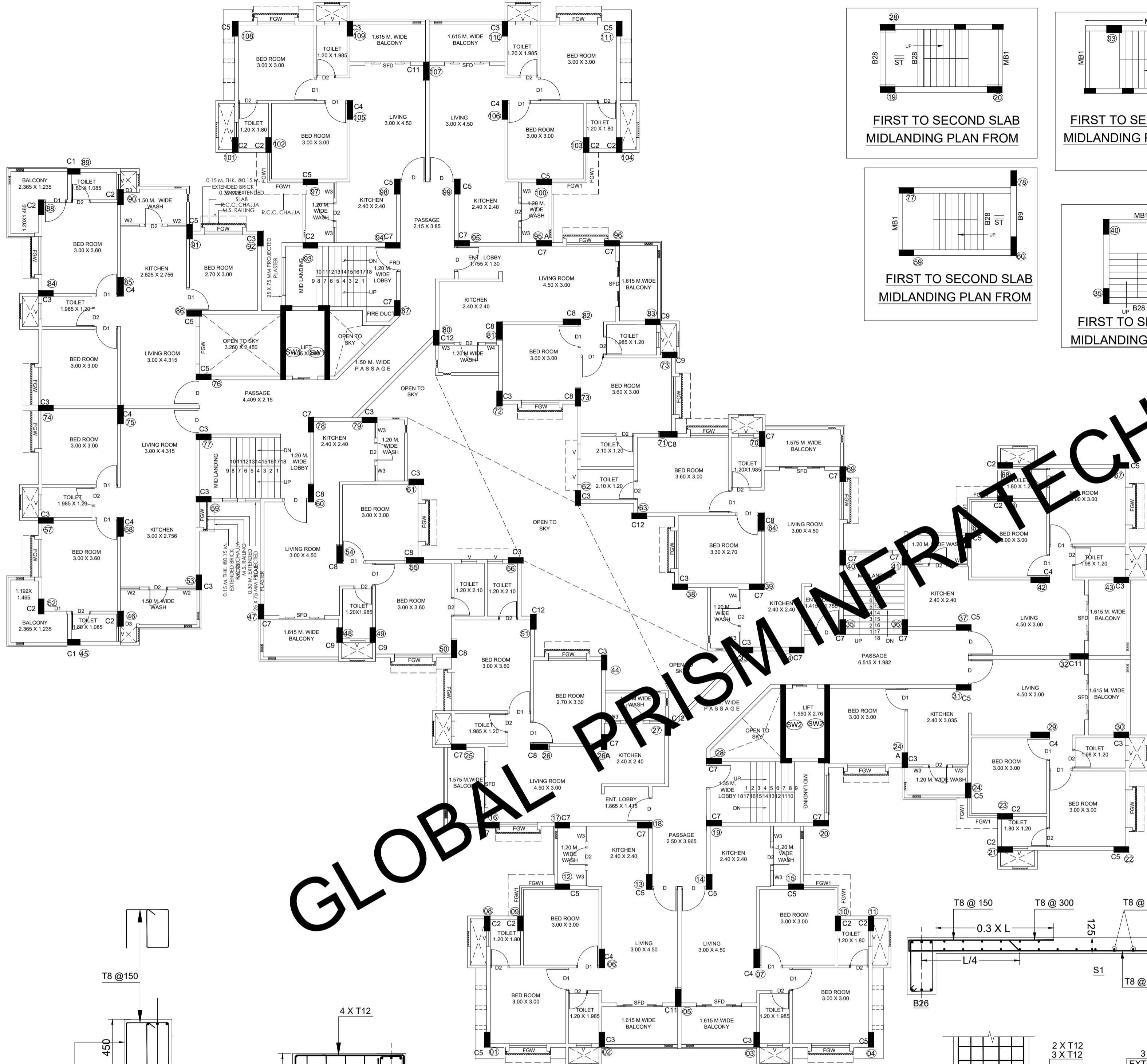


- 350 MM SUNK FOR TOILET
- 50 MM SUNK FOR BALCONY
- 200 MM SUNK FOR WASH AREA

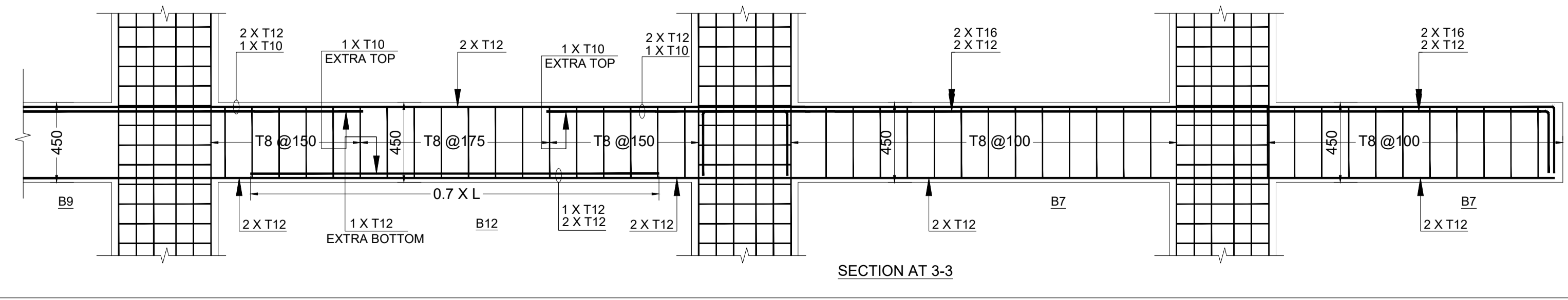
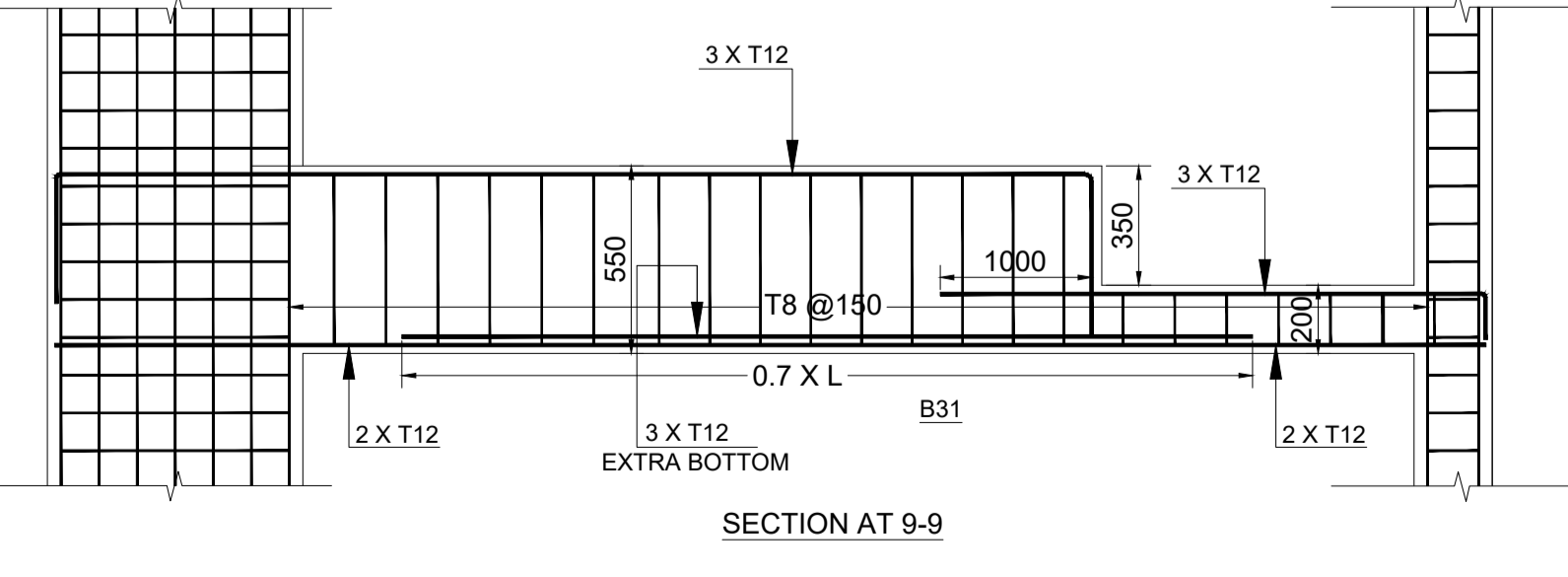
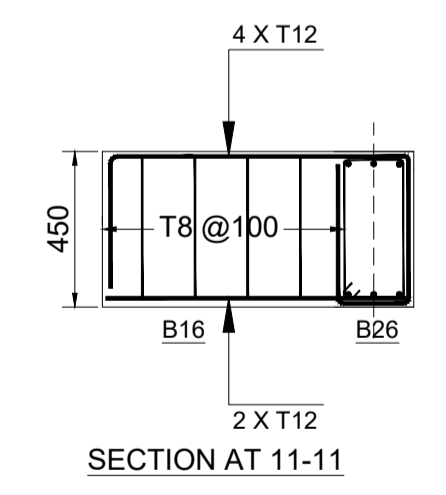
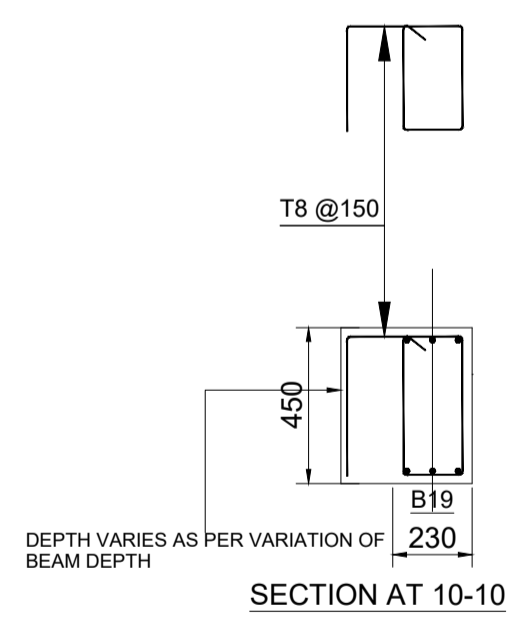
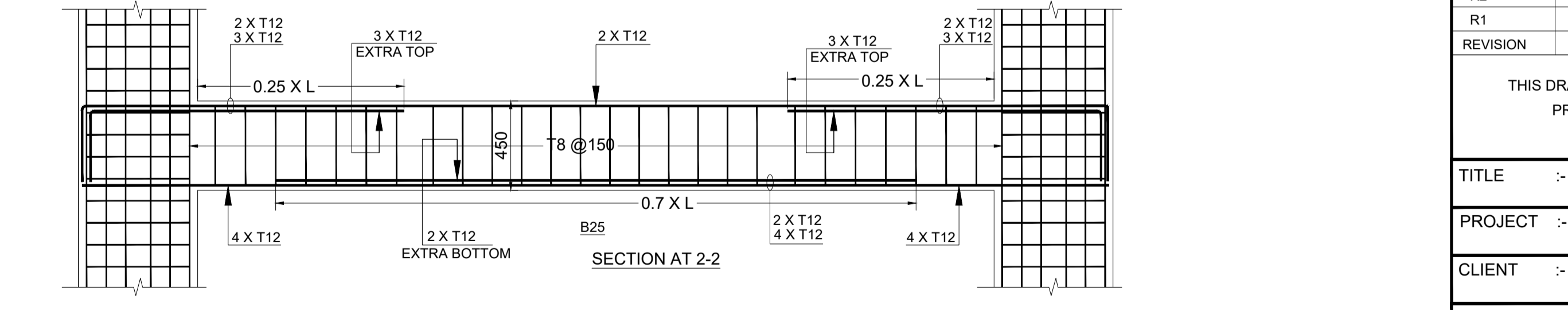
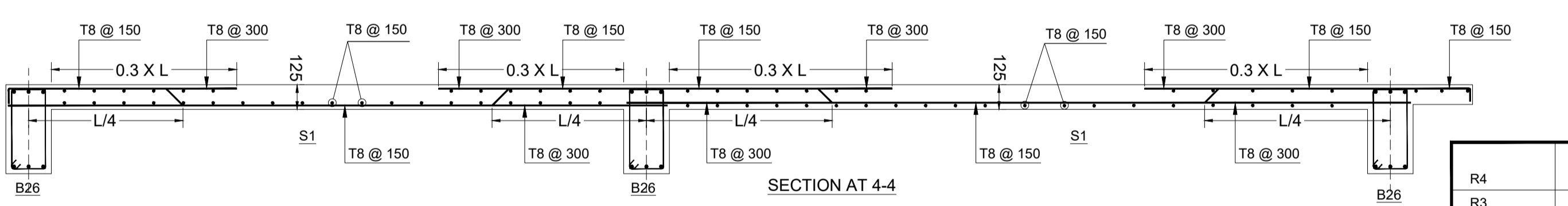
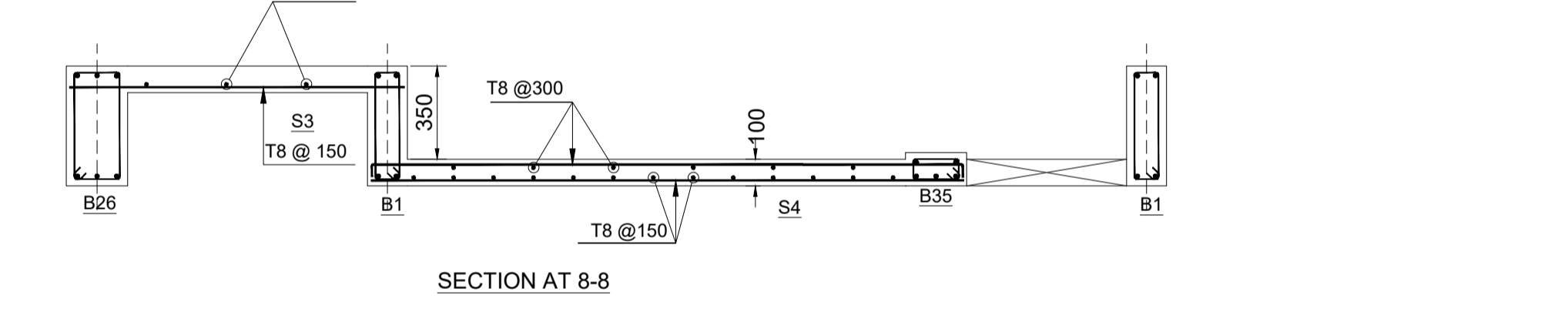
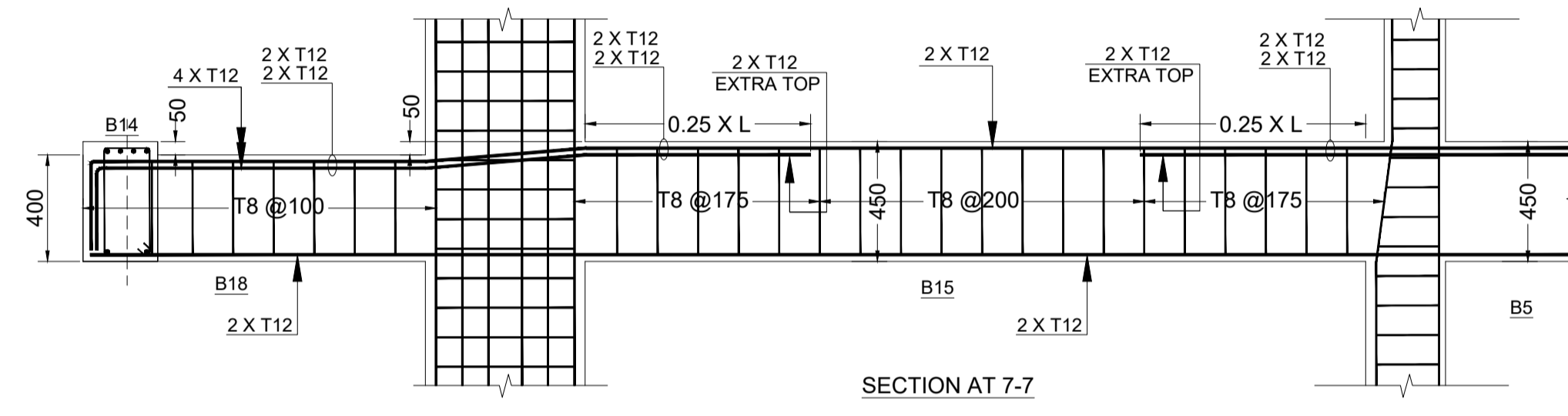
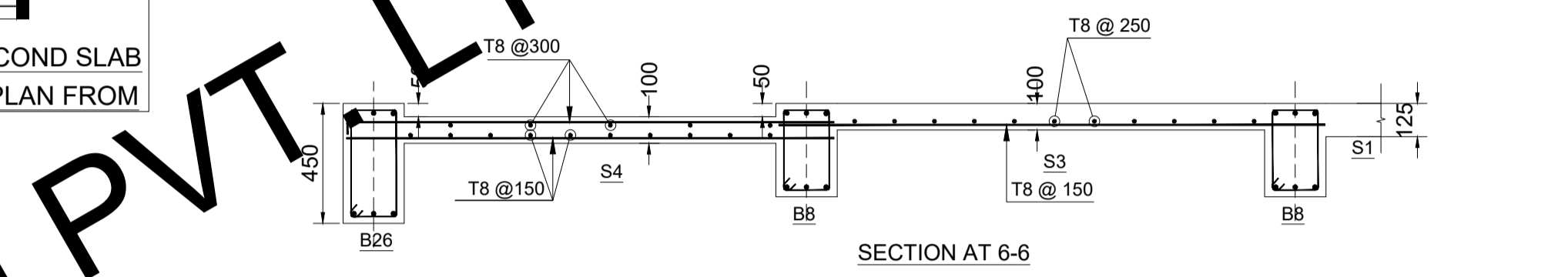
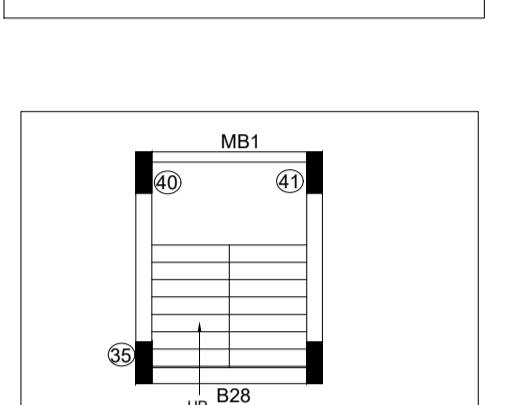
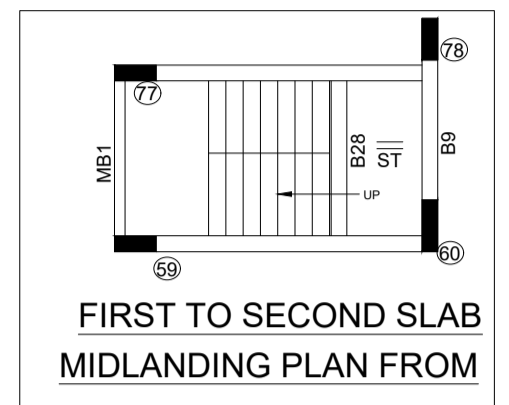
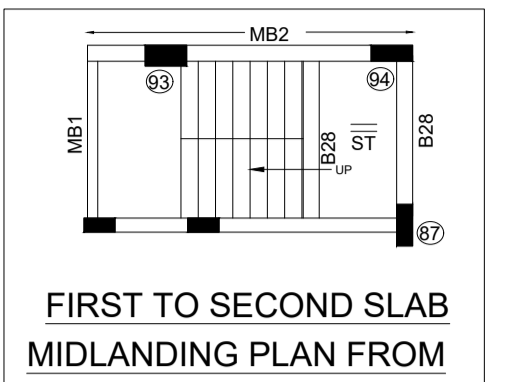
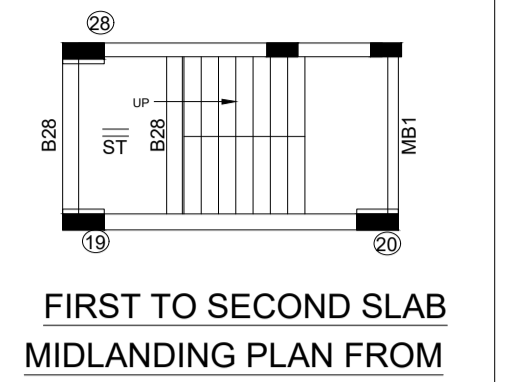
NOTE :- 1) AT SUPPORT, OUT OF EXTRA TOP R/F. ON LEFT SIDE & RIGHT SIDE, ADOPT HIGHER OF TWO & EXTEND UPTO 0.25xL ON BOTH SIDE FROM FACE OF COLUMN / SUPPORT.
2) AT SUPPORT IF TOP R/F. ON BOTH SIDE IS EQUAL, ADOPT SAME AND EXTEND UPTO 0.25xL ON BOTH SIDE FROM FACE OF COLUMN / SUPPORT.
3) MARK 'C' IN REMARK COLUMN INDICATE CANTILEVER BEAM. THE STIRRUPS WILL BE PLACED THUS.
4) FIRST STIRRUP IS AT 50mm FROM FACE OF COLUMN.



R4			
R3			
R2			
R1			
REVISION	DATE	DESCRIPTION	SIGN.
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TITLE :- R. C. C. DETAIL OF FOURTH FLOOR LVL			
PROJECT :-			
CLIENT :-			
ARCHITECT :-			
GLOBAL PRISM INFRA TECH PVT. LTD. CONSULTING ENGINEERS Chief Consultant: Sawan Sakale F103, HIMALAYA ENCLAVE, PRATAP NAGAR CHOWK, NEAR POLICE CHALKI PRATAPNAGAR, NAGPUR-440022. PHONE:-91-9657228715 prisminfraconsultants@gmail.com			
ANALYZED BY: SSS	SCALE: _____		
DESIGNED BY: SSS	DATE: 06.03.2020		
DRAWN BY: AS	DWG. NO.: _____		
CHECKED BY: 1 SSS	ADVANCE COPY: <input checked="" type="checkbox"/>		
SHEET 1 OF 2	G. F. C. : _____		



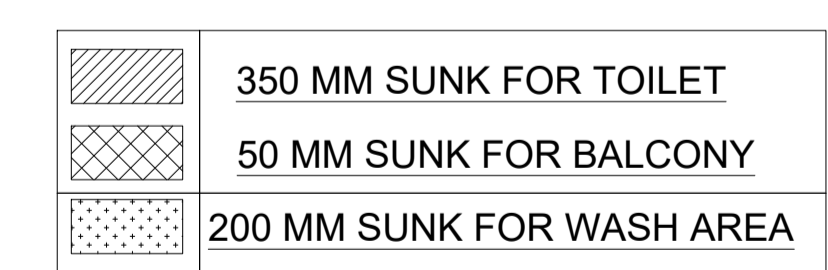
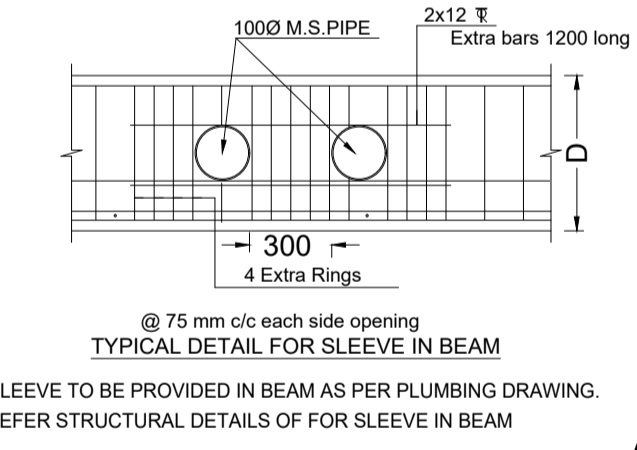
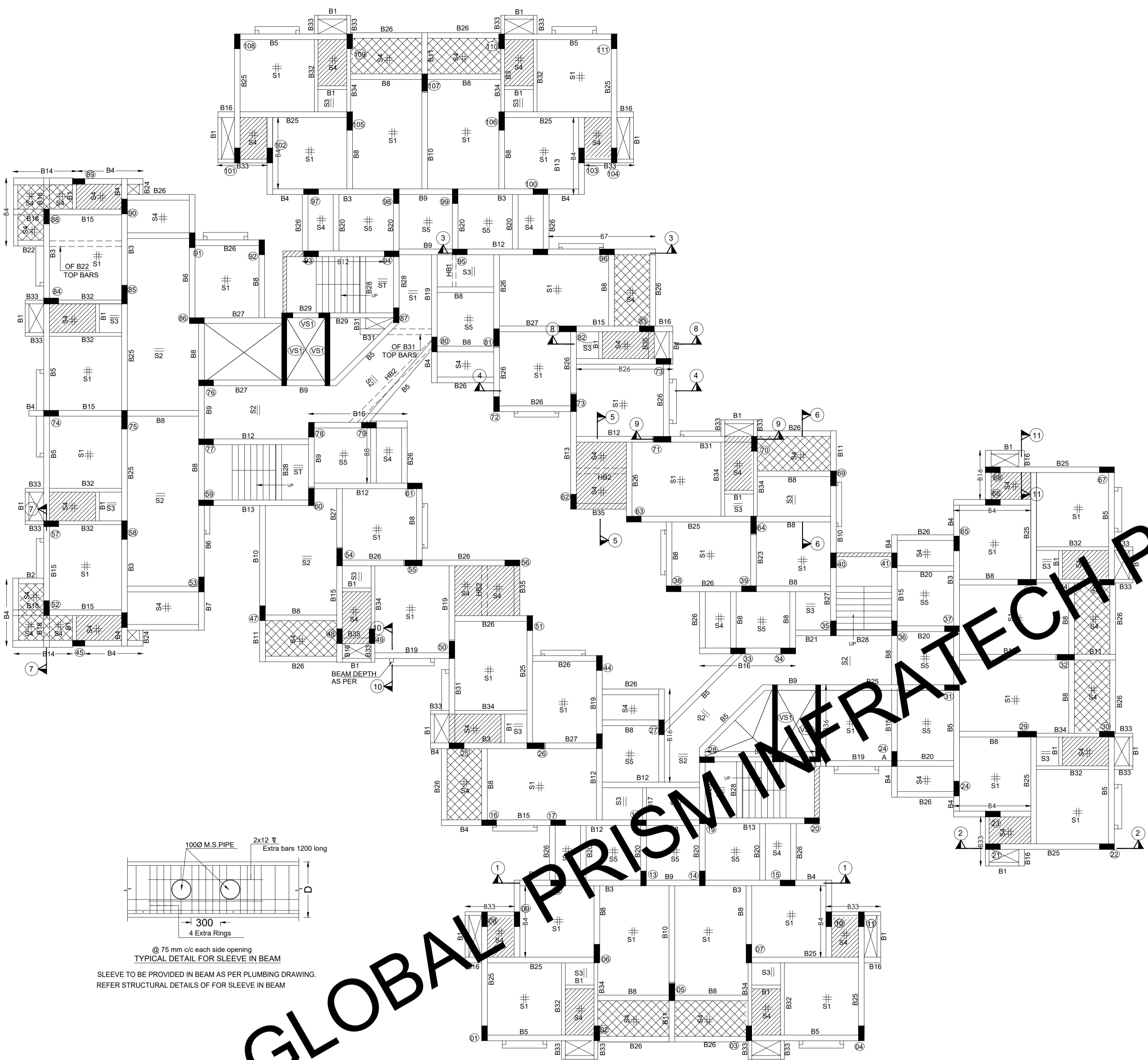
FOURTH FLOOR PLAN
SCALE : - 1:100
TULIP - 1



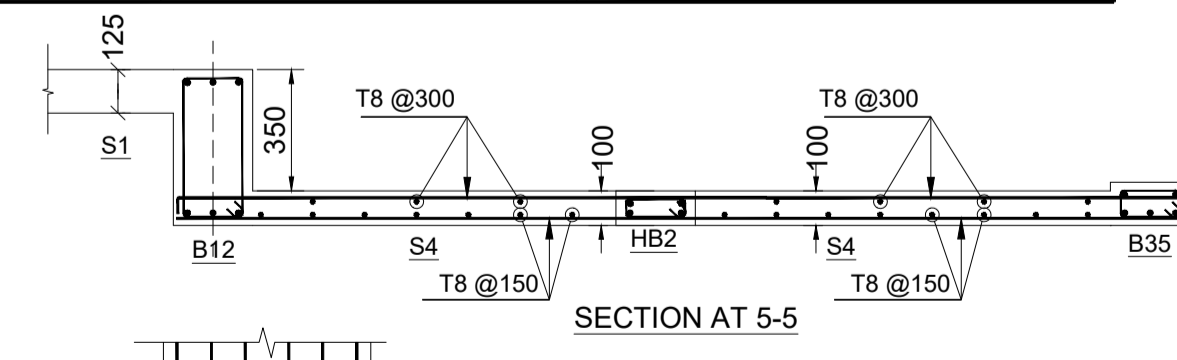
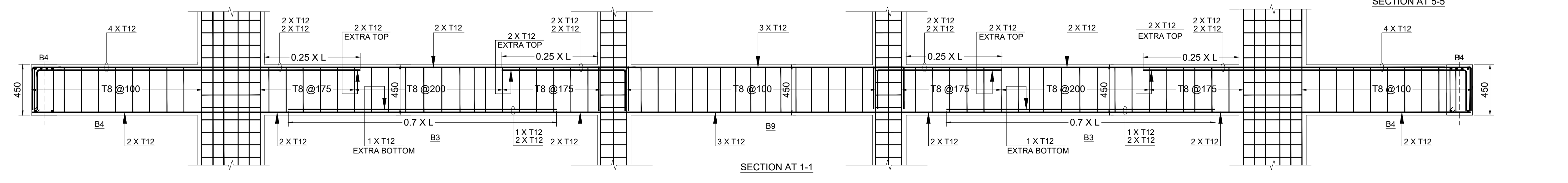
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PLAIN CEMENT CONCRETE M-10
- 5. COVER**
U.N.O. IN THE DWG. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS -
(1) FOOTING (50 mm) (3) BEAM (25 mm)
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OR DIA. OF BAR WHICHEVER IS GREATER.
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 - CONFINING STIRRUPS IN BEAM COLUMN JUNCTION SHALL BE PROVIDED AT THE SPACING INDICATED. HOWEVER IF BEAMS ARE CONNECTED ON ALL THE FOUR DIRECTIONS / SIDES OF COLUMN THE SPACING OF LATERAL TIES IN COLUMN SHOULD BE DOUBLED. (ONLY AT BEAM COLUMN JUNCTION PORTION.)
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 - BOTTOM OF ALL OUTER BEAM SHALL BE 150MM BELOW GROUND LVL AND SHOULD HAVE CLEAR AIR GAP OF 150MM FOR B.C. SOIL STRUCTURE.
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 - CURB: EXPOSED SURFACE OF CONCRETE SHALL BE KEPT CONTINUOUSLY IN WET CONDITION MINIMUM FOR 14 DAYS.
 - CUTOUT OPENING: ANY TYPE OF OPENINGS FOR PLUMBING, DRAINAGE OR ELECTRICAL NOT PERMITTED IN R.C.C. BEAMS AND COLUMNS DURING OR AFTER CASTING.
 - SLEEVE: FOR SLEEVES PROVIDE ADDL TWO RINGS SPACED @ 75MM C/C ON EITHER SIDE OF IT.
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R4			
R3			
R2			
R1			
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TITLE :- R. C. C. DETAIL OF FOURTH FLOOR LVL			
PROJECT :-			
CLIENT :-			
ARCHITECT :-			
GLOBAL PRISM INFRA TECH PVT. LTD.			
CONSULTING ENGINEERS			
Chief Consultant: Sawan Sakale			
F103, HIMALAYA ENCLAVE, PRATAP NAGAR CHOWK,			
NEAR POLICE CHAUKI			
PRATAPNAGAR, NAGPUR-440022.			
PHONE: +91-965728715			
prisminfraconsultants@gmail.com			
ANALYZED BY: SSS	SCALE: _____		
DESIGNED BY: SSS	DATE: 06.03.2020		
DRAWN BY: AS	DWG. NO.: _____		
CHECKED BY: 1 SSS	ADVANCE COPY: <input checked="" type="checkbox"/>		
SHEET 2 OF 2	G. F. C. : _____		

GLOBAL PRISM INFRA TECH PVT. LTD.



NOTE :- 1) AT SUPPORT, OUT OF EXTRA TOP R/F. ON LEFT SIDE & RIGHT SIDE, ADOPT HIGHER OF TWO & EXTEND UPTO 0.25xL ON BOTH SIDE FROM FACE OF COLUMN / SUPPORT.
2) AT SUPPORT IF TOP R/F. ON BOTH SIDE IS EQUAL, ADOPT SAME AND EXTEND UPTO 0.25xL ON BOTH SIDE FROM FACE OF COLUMN / SUPPORT.
3) MARK 'C' IN REMARK COLUMN INDICATE CANTILEVER BEAM. THE STIRRUPS WILL BE PLACED THUS. □
4) FIRST STIRRUP IS AT 50mm FROM FACE OF COLUMN.



CONCRETE MIX : M 25. GRADE OF STEEL : Fe 500

BEAM NO.	SIZE		BOTTOM REINFORCEMENT		TOP REINFORCEMENT		STIRRUPS		SIDE BAR	REMARKS
	B	D	THROUGHOUT	MID SPAN 0.7xL	THROUGHOUT	EXTRA TOP 0.25xL FROM FACE OF COLUMN ON EACH SIDE	UPTO 2D FROM FACE OF COLUMN	AT MID SPAN		
B1										
B2										
B3										
B4										
B5										
B6										
B7										
B8										
B9										
B10										
B11										
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B28										
B29										
B30										
B31										
B32										
B33										
B34										
B35										
B36										
HB1										
HB2										
MB1										
MB2										

SCHEDULE OF SLAB

SLAB	SIZE (OVERALL) IN MM	MID SPAN MAIN BARS		TOP BARS THROUGHOUT	EXTRA TOP BARS UPTO 0.3xL FROM FACE OF BEAM	DISTRIBUTION BARS C/C	REMARKS
		BOTM. BARS	BOTTOM BENT-UP @ L/4 FROM CENTER				
STAIR1							
S1							
S2							
S3							
S4							
S5							
ST							

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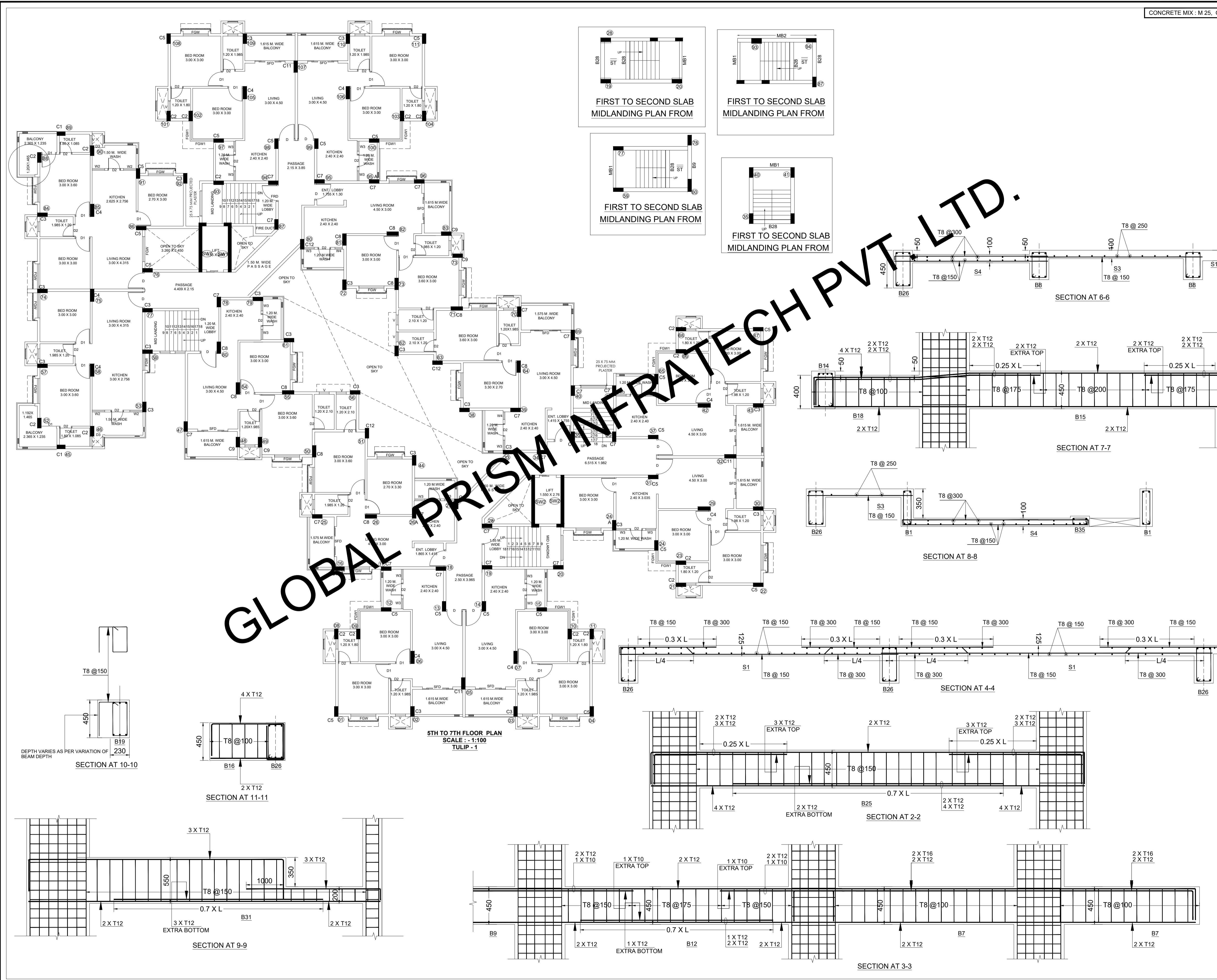
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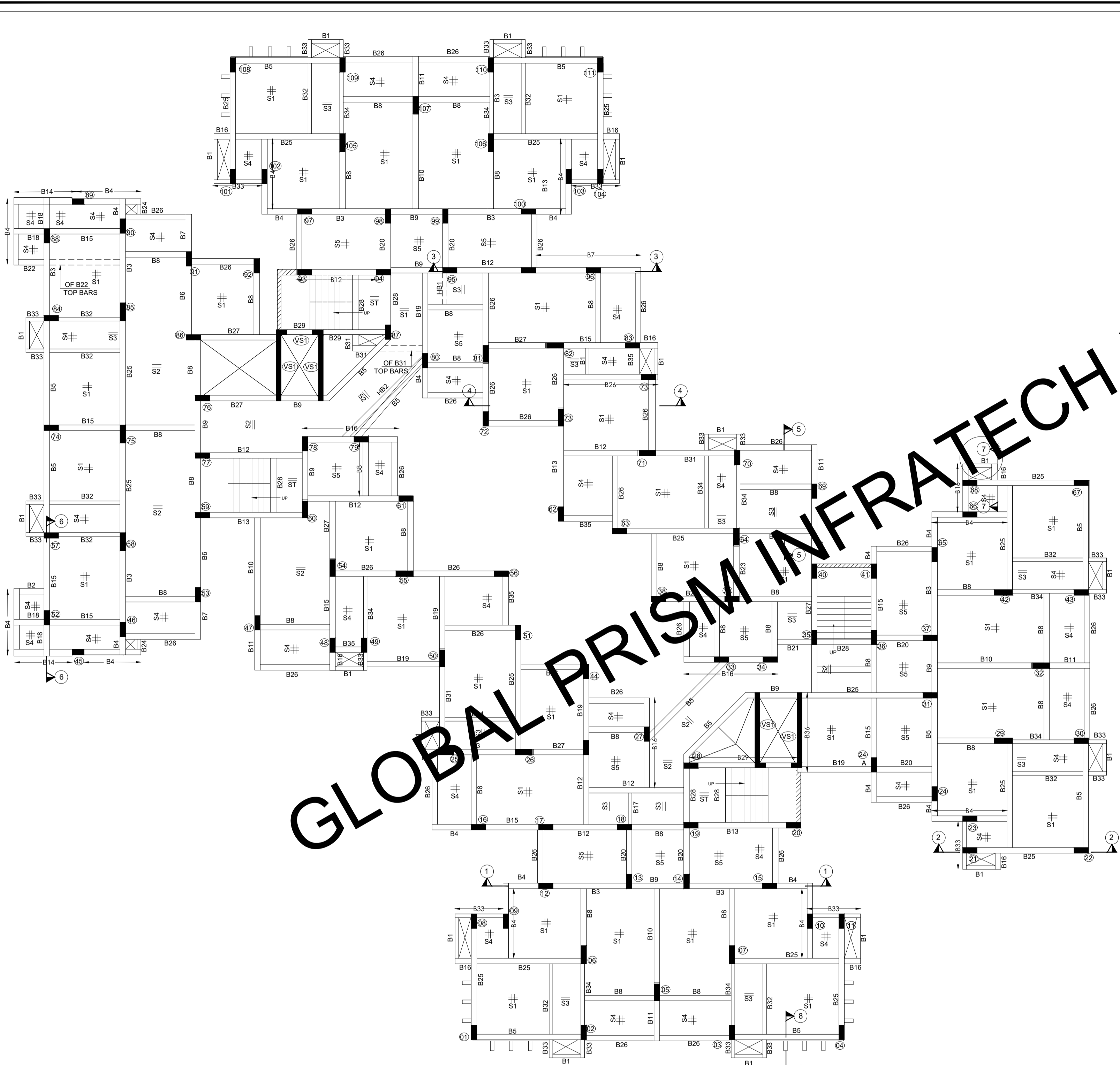
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TITLE	R. C. C. DETAIL OF FIFTH TO SEVENTH FLOOR LVL		
PROJECT			
CLIENT			
ARCHITECT			
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CONSULTING ENGINEERS			
Chief Consultant: Sawan Sakale			
F103, HIMALAYA ENCLAVE, PRATAP NAGAR CHOWK, NEAR POLICE CHAUKI, PRATAPNAGAR, NAGPUR-440022.			
PHONE: +91-9657228715 prisminftratechconsultants@gmail.com			
ANALYZED BY: SSS	SCALE:		
DESIGNED BY: SSS	DATE:	06.03.2020	
DRAWN BY: AS	DWG. NO.:		
CHECKED BY: SSS	ADVANCE COPY:	<input checked="" type="checkbox"/>	
SHEET 1 OF 2	G. F. C. :		



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prisminfrastructureconsultants@gmail.com			
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TERRECE FLOOR LEVEL

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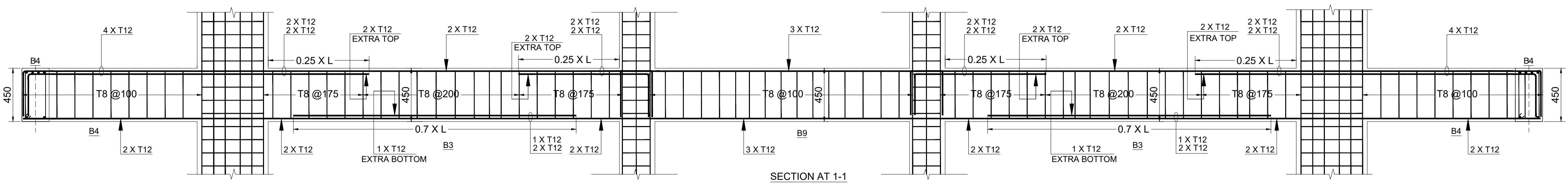
CONCRETE MIX : M 25. GRADE OF STEEL : Fe 500

BEAM NO.	SIZE		BOTTOM REINFORCEMENT		TOP REINFORCEMENT		STIRRUPS		SIDE BAR	REMARKS
	B	D	THROUGHOUT	MID SPAN 0.7xL	THROUGHOUT	EXTRA TOP 0.25xL FROM FACE OF COLUMN ON EACH SIDE	UPTO 2D FROM FACE OF COLUMN	AT MID SPAN		
B1										
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 (a) FOR FLOOR BEAM/SLAB CLOSE TO MID SPAN IN BOTTOM BARS & CLOSE TO SUPPORT IN TOP BARS.
 (b) FOR FOUNDATION BEAM/RAFT LAPS CLOSE TO MID SPAN IN TOP BARS & CLOSE TO SUPPORT IN BOTTOM BARS.
 - IN HANGERS LAPPING OF BARS IS NOT PERMITTED BET. FLOORS
 - STIRRUPS FOR CANTILEVER BEAMS TO HAVE HOOK AT BOTTOM.
 - REMARK '4 LEGGED' MEANS AT ALL LOCATIONS U.N.O.
 - USE OF NEEDLE VIBRATOR AND PLASTISIZER RECOMMENDED FOR R.C.C. WORK.
 - USE DENSIFIED COATED PLYWOOD FOR SHUTTERING & FORMWORK.
 - BURNED OIL NOT PERMITTED FOR DE-SHUTTERING.
 - BOTTOM OF ALL OUTER BEAM SHALL BE 150MM BELOW GROUND LVL AND SHOULD HAVE CLEAR AIR GAP OF 150MM FOR B.C. SOIL STRUCTURE.
 - TOP OF ALL INNER BEAMS & OUTER BEAMS AT SAME FINISHED PLINTH LEVEL.
 - PLINTH BEAMS SHALL BE CASTED ONLY BY USING BOTTOM SHUTTERING PREPARED BOTTOM BY BRICK WORK OR PCC IS NOT RECOMMENDED FOR CASTING PLINTH BEAMS.
 - CURBING: EXPOSED SURFACE OF CONCRETE SHALL BE KEPT CONTINUOUSLY IN WET CONDITION MINIMUM FOR 14 DAYS.
 - CUTOUT OPENING: ANY TYPE OF OPENINGS FOR PLUMBING, DRAINAGE OR ELECTRICAL NOT PERMITTED IN R.C.C. BEAMS AND COLUMNS DURING OR AFTER CASTING.
 - SLEEVE: FOR SLEEVES PROVIDE ADD'L TWO RINGS SPACED @ 75MM C/C ON EITHER SIDE OF IT.
 - U.N.O. IN THE DWG. CONSTRUCTION JOINT SHOULD BE APPROVED BY ENGINEER AT SITE.
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 - DO NOT SCALE THE DWG. ONLY WRITTEN DIMENSION ARE TO BE FOLLOWED.
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 - STRIPPING TIME TABLE AS PER IS: 456-2000.
 - TOP BARS OF ALL CANTILEVER BEAM / SLAB SHOULD BE EXTENDED ON OPPOSITE SIDE UP TO 1.5 TIMES CANTILEVER PROJECTION UNO.
 - PROVIDE SLOPE 50MM TO 100 MM TO "CENTERING OF TERRACE SLAB" TOWARD RAIN WATER PIPES IN CONSULTATION WITH THE ARCHITECT TO AVOID STAGNATION OF THE WATER AT TERRACE AND AVOID LEAKAGES IN FUTURE. U.N.O. - UNLESS NOTED OTHERWISE.

SCHEDULE OF SLAB

SLAB	SIZE (OVERALL) IN MM	MID SPAN MAIN BARS		TOP BARS THROUGHOUT	EXTRA TOP BARS UPTO 0.3xL FROM FACE OF BEAM	DISTRIBUTION BARS C/C	REMARKS
		BOTM. BARS	BOTTOM BENT-UP @ L/4 FROM CENTER				
STAIR1							
S1							
S2							
S3							
S4							
S5							
ST							



SECTION AT 1-1

R4			
R3			
R2			
R1			
REVISION	DATE	DESCRIPTION	SIGN.

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TITLE :- R. C. C. DETAIL OF TERRACE FLOOR LVL

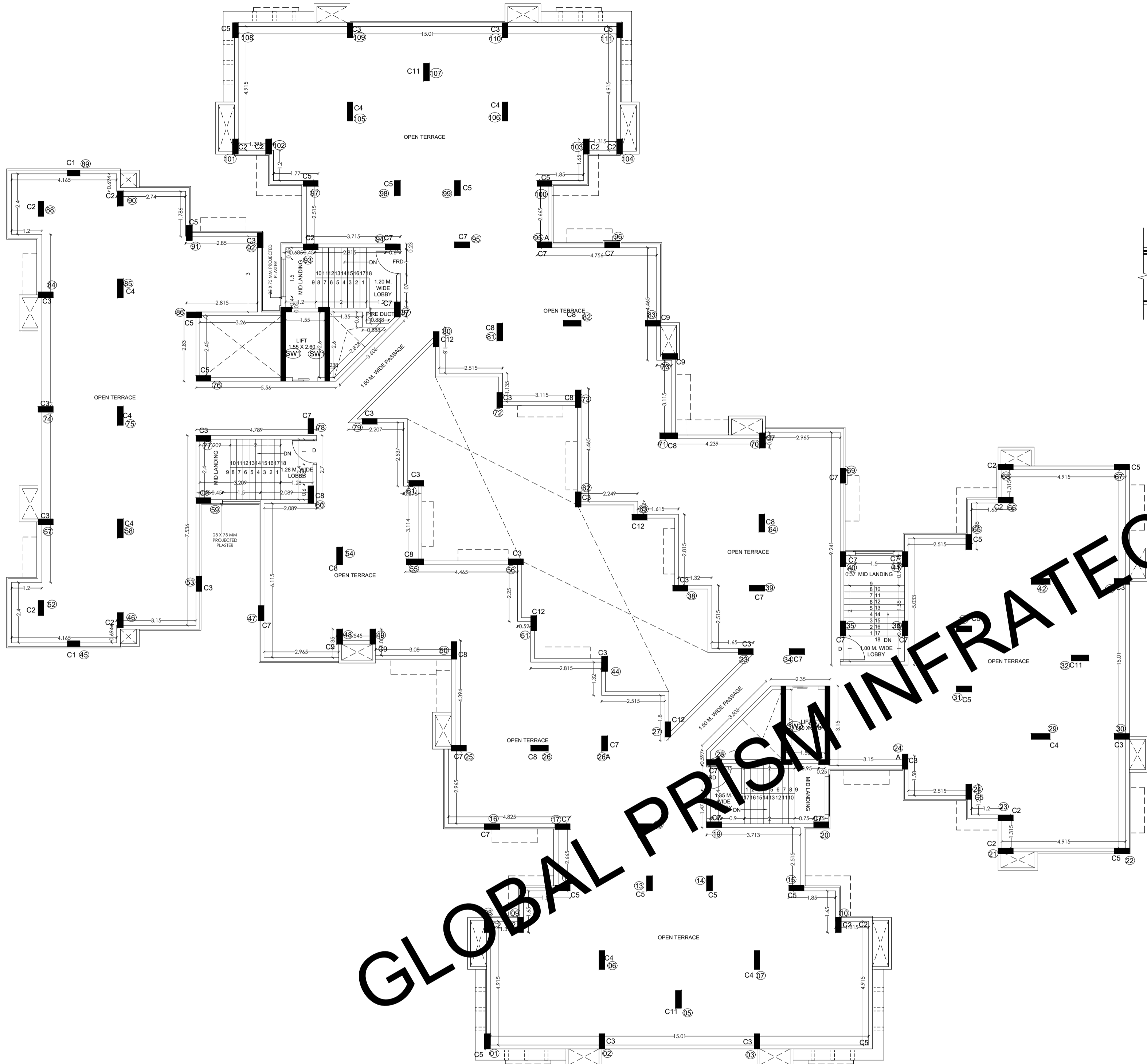
PROJECT :-

CLIENT :-

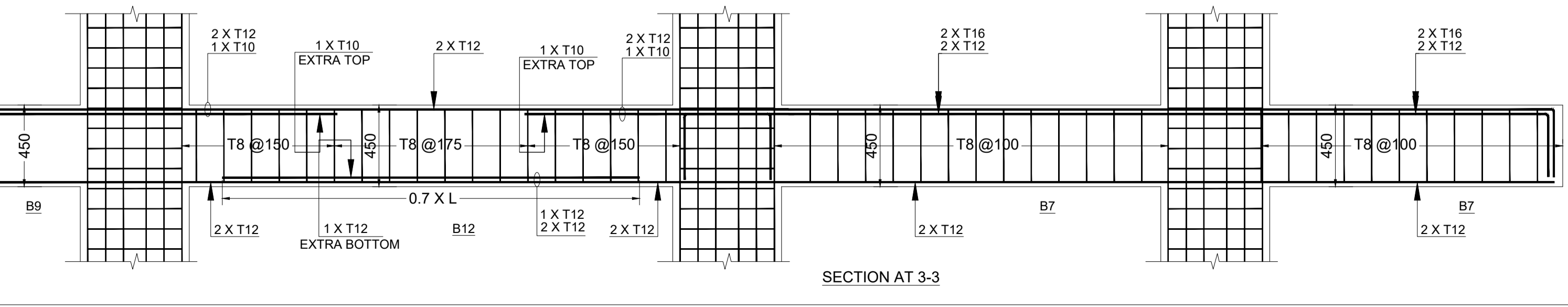
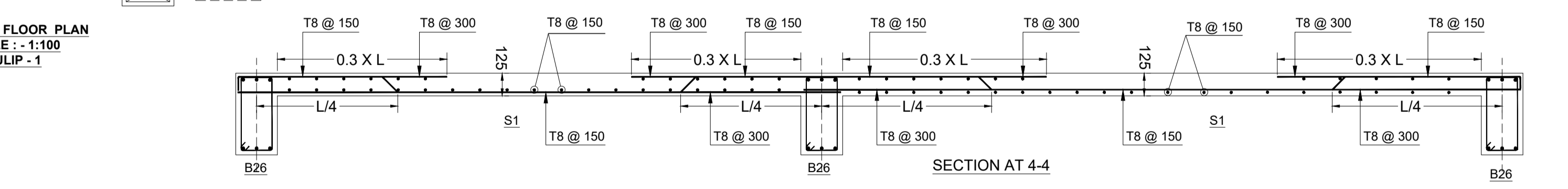
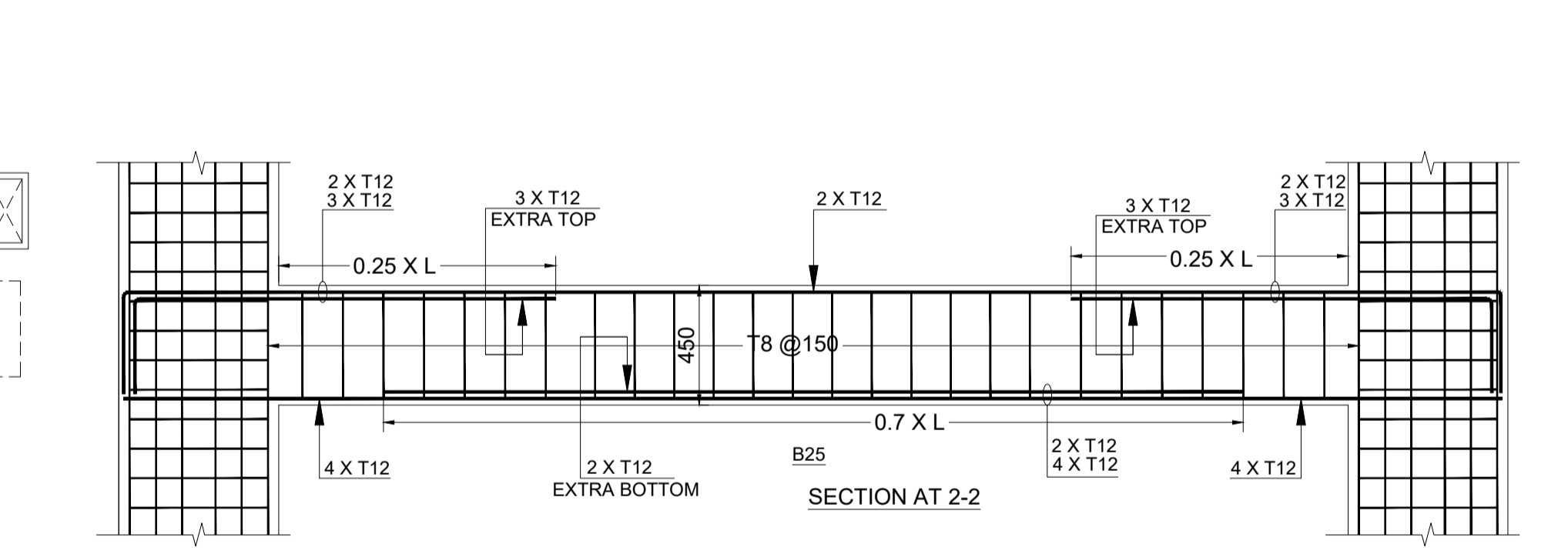
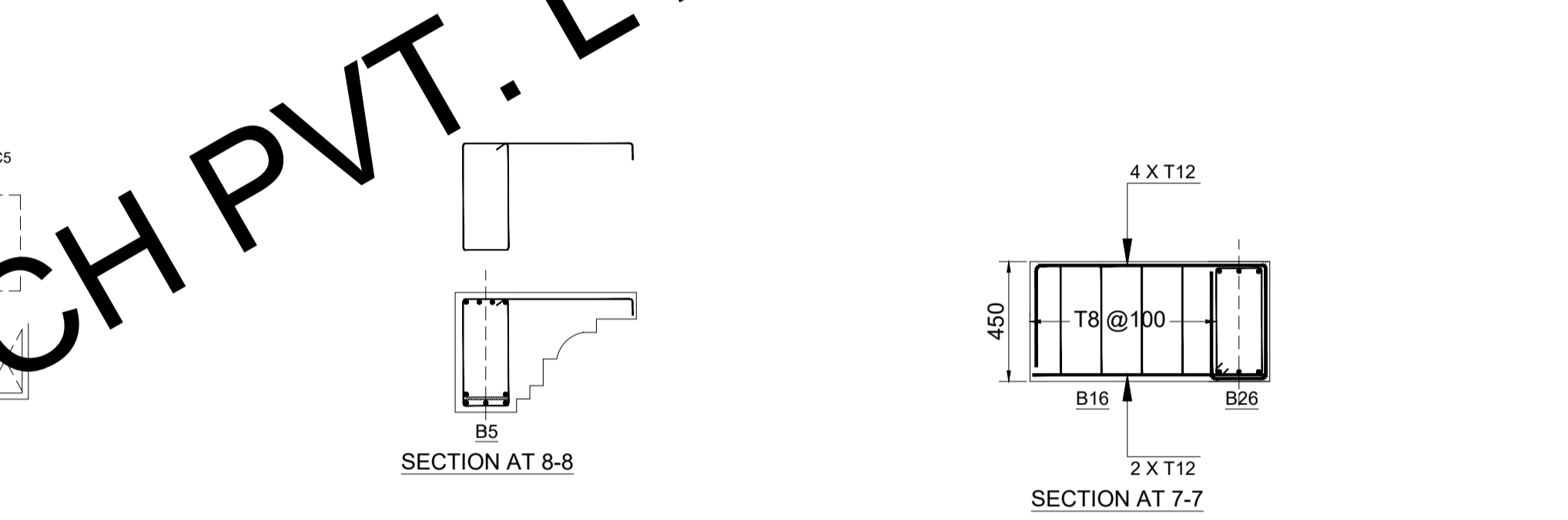
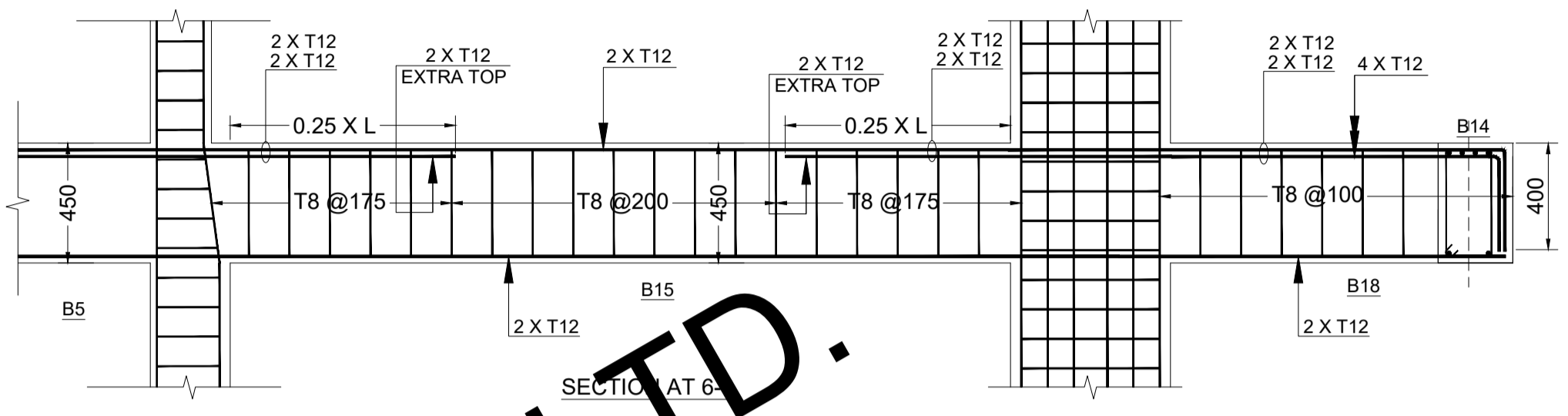
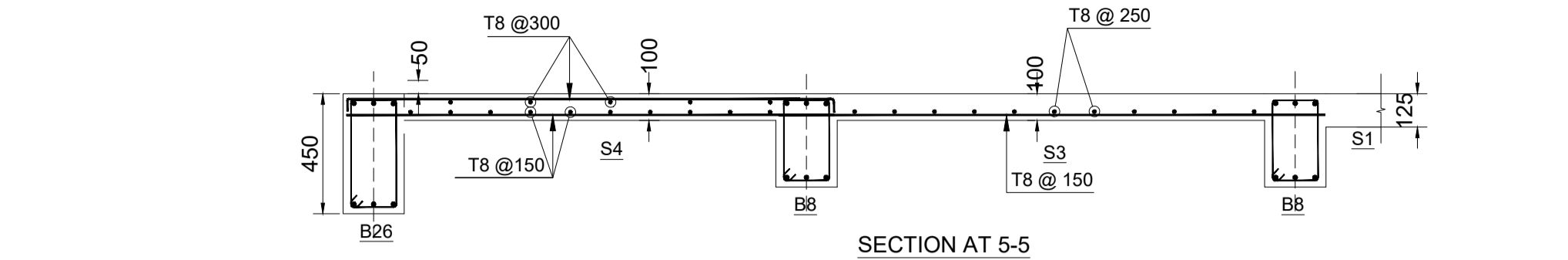
ARCHITECT :-

GLOBAL PRISM INFRA TECH PVT. LTD.
 CONSULTING ENGINEERS
 Chief Consultant: Sawan Sakale
 F103, HIMALAYA ENCLAVE, PRATAP NAGAR CHOWK,
 NEAR POLICE CHAUKI
 PRATAPNAGAR, NAGPUR-440022.
 PHONE: +91-9657228715
 prisminfotechconsultants@gmail.com

ANALYZED BY: SSS	SCALE: _____
DESIGNED BY: SSS	DATE: 11.03.2020
DRAWN BY: AS	DWG. NO.: _____
CHECKED BY: 1 SSS	ADVANCE COPY: _____
SHEET 1 OF 2	G. F. C. : _____



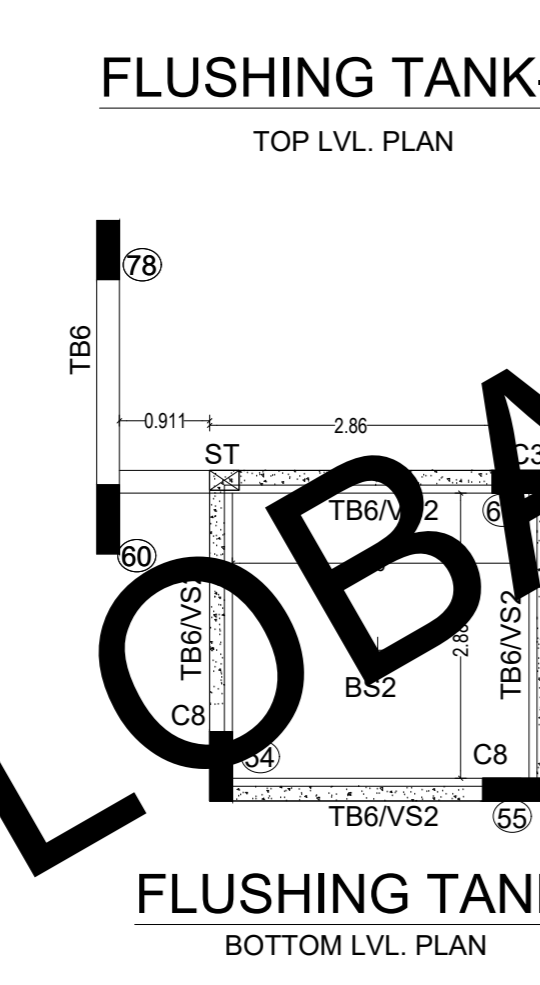
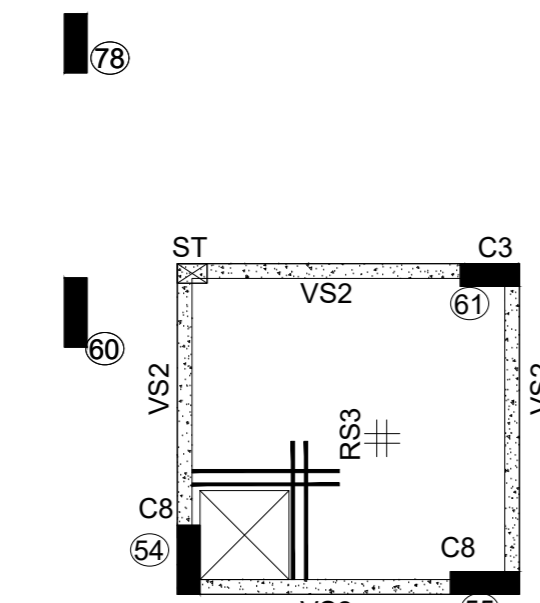
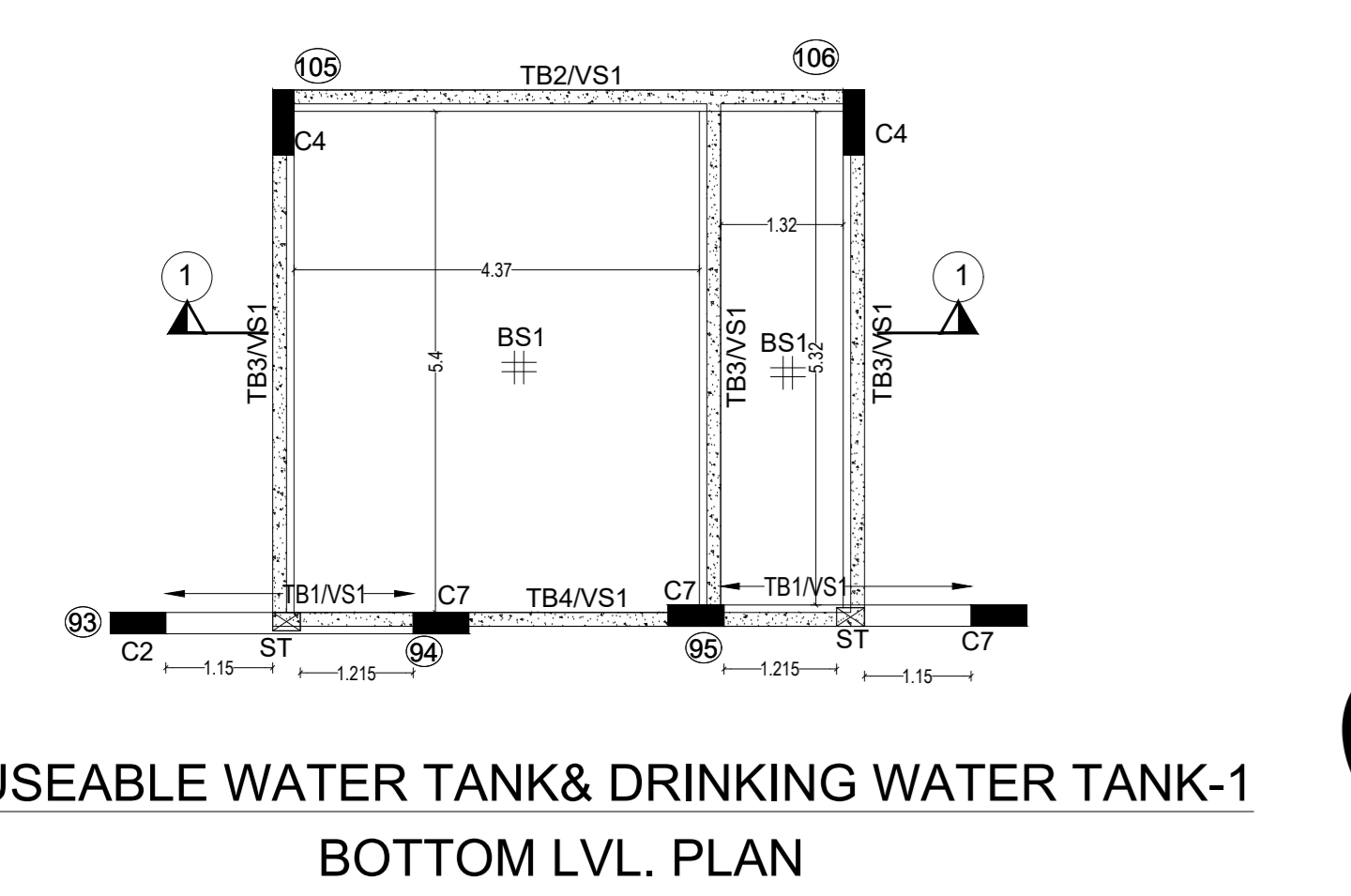
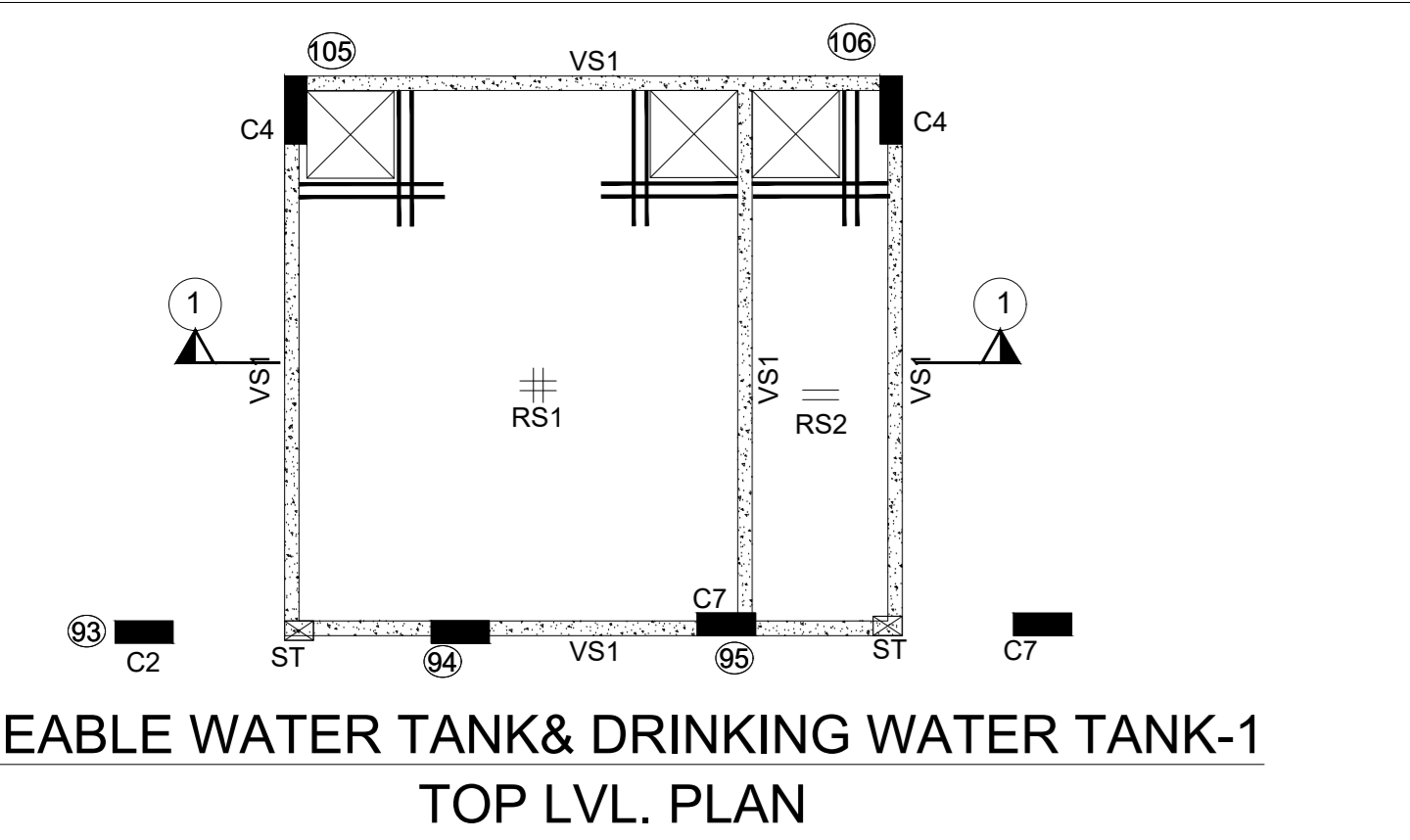
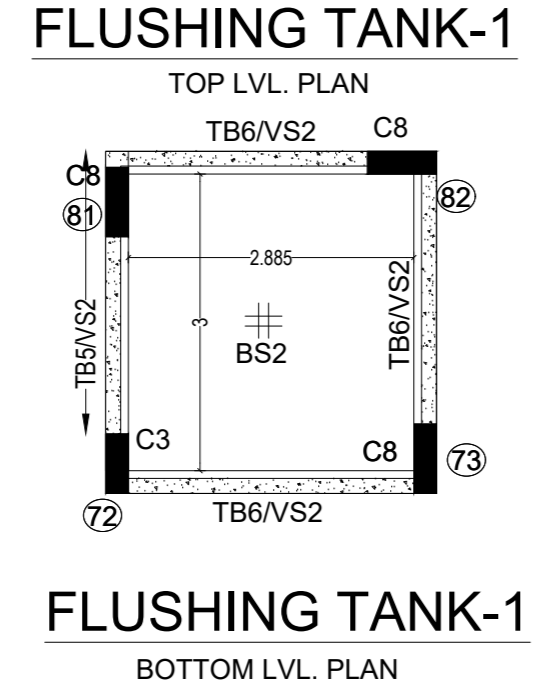
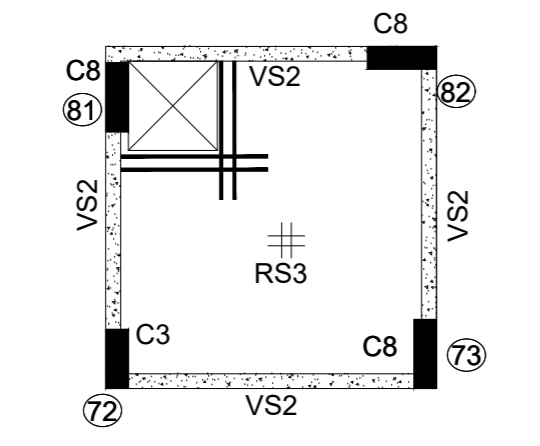
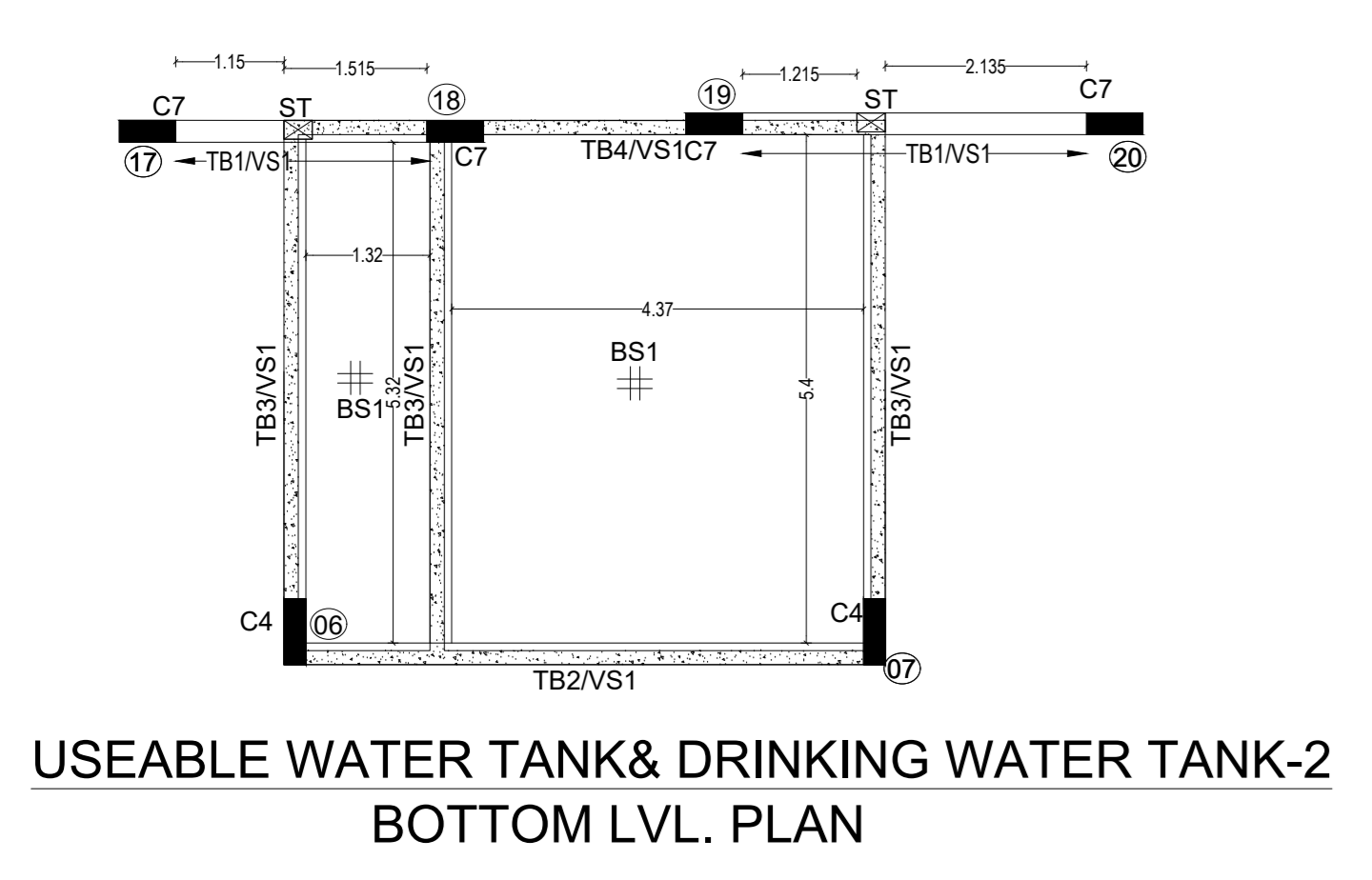
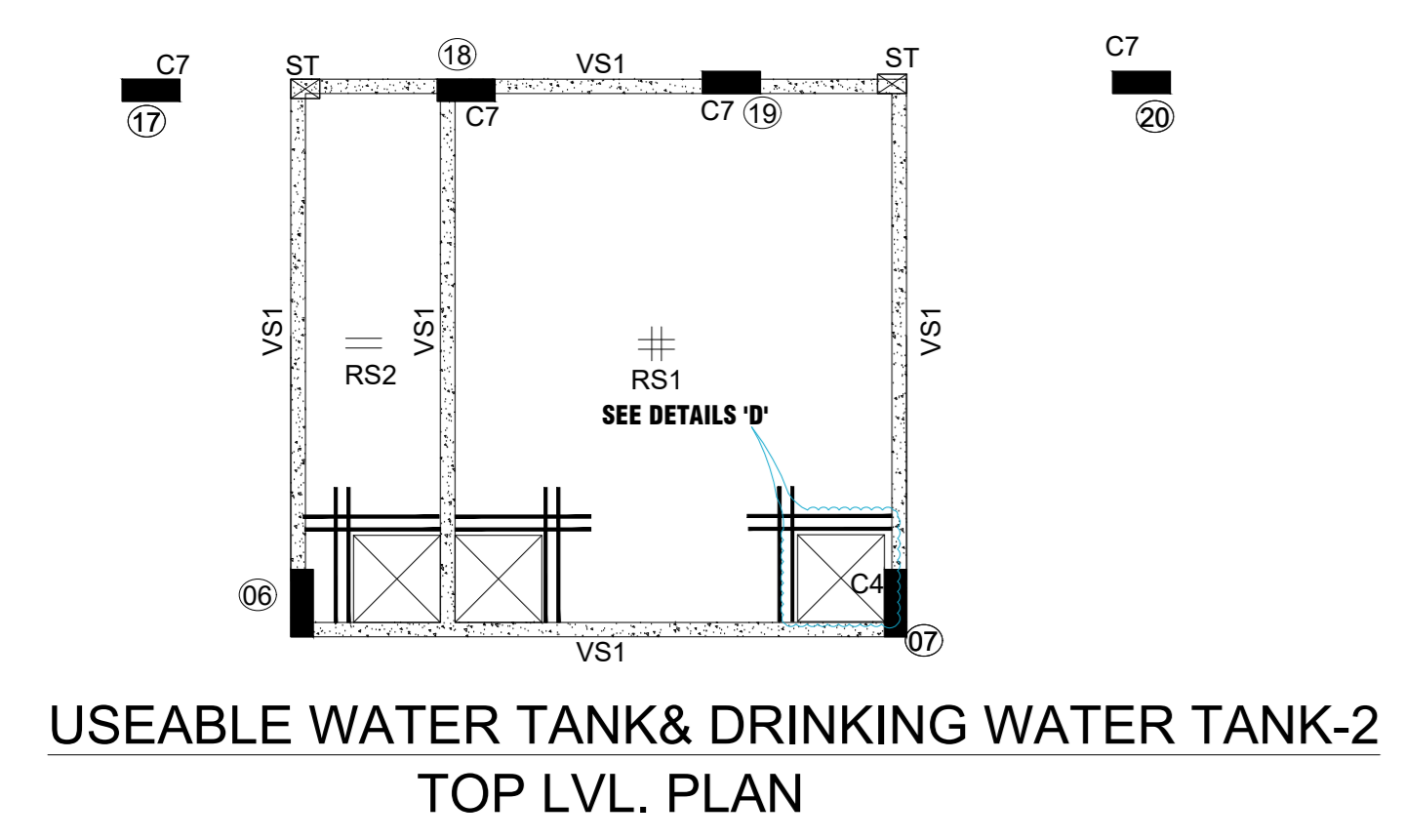
TERRACE FLOOR PLAN
SCALE : - 1:100
TULIP - 1



- 1. SAFE BEARING CAPACITY OF SOIL**
S.B.C. OF SOIL FOR DESIGN OF FOUNDATION HAS BEEN TAKEN AS SPECIFIED. MINIMUM DEPTH SHALL BE UPTO HARD STRATA. IN CASE OF ANY DOUBT REGARDING S.B.C. DURING EXCAVATION, THE MATTER SHALL BE REPORTED TO THE GEO-TECH. CONSULTANT.
- 2. REINFORCING STEEL**
U.N.O. ALL REINFORCEMENT SHALL BE OF HIGH STRENGTH DEFORMED BARS OF SPECIFIED GRADE CONFORMING TO IS-1786 ALL REINFORCING STEEL TO BE OF TESTED QUALITY.
- 3. CONCRETE**
U.N.O. CONCRETE MIX FOR ALL ELEMENT SHALL BE OF SPECIFIED GRADE CONFORMING TO IS: 456:2000.
- 4. P.C.C.**
PLAIN CEMENT CONCRETE M-10
- 5. COVER**
U.N.O. IN THE DWG. CLEAR COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS -
(1) FOOTING (50 mm) (3) BEAM (25 mm)
(2) COLUMN (40 mm) (4) SLAB (20 mm)
OR DIA. OF BAR WHICHEVER IS GREATER.
- GENERAL NOTES**
- EXTRA TOP OR BENT-UP BARS SHALL BE EXTENDED UPTO 0.3L IN ADJACENT SPAN OVER A CONTINUOUS SUPPORT AND ANCHOR DOWN AT END SUPPORT.
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 - USE DENSIFIED COATED PLYWOOD FOR SHUTTERING & FORMWORK.
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GLOBAL PRISM INFRA TECH PVT. LTD.

R4			
R3			
R2			
R1			
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TITLE	R. C. C. DETAIL OF TERRACE FLOOR LVL		
PROJECT	-		
CLIENT	-		
ARCHITECT	-		
GLOBAL PRISM INFRA TECH PVT. LTD.			
CONSULTING ENGINEERS			
Chief Consultant: Sawan Sakale			
F103, HIMALAYA ENCLAVE, PRATAP NAGAR CHOWK,			
NEAR POLICE CHAUKI,			
PRATAPNAGAR, NAGPUR-440022.			
PHONE: +91-9657228715			
prisminftratechconsultants@gmail.com			
ANALYZED BY: SSS	SCALE:		
DESIGNED BY: SSS	DATE:	11.03.2020	
DRAWN BY: AS	DWG. NO.:		
CHECKED BY: 1 SSS	ADVANCE COPY:	✓	
SHEET 2 OF 2	G. F. C. :		

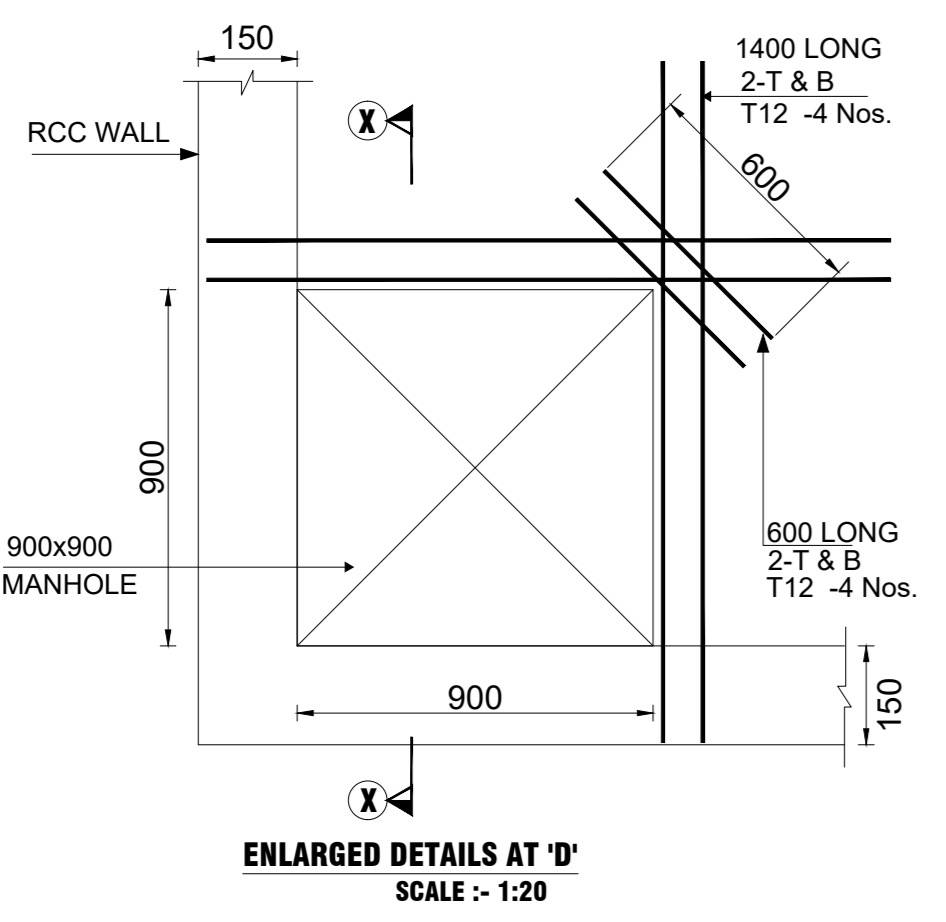
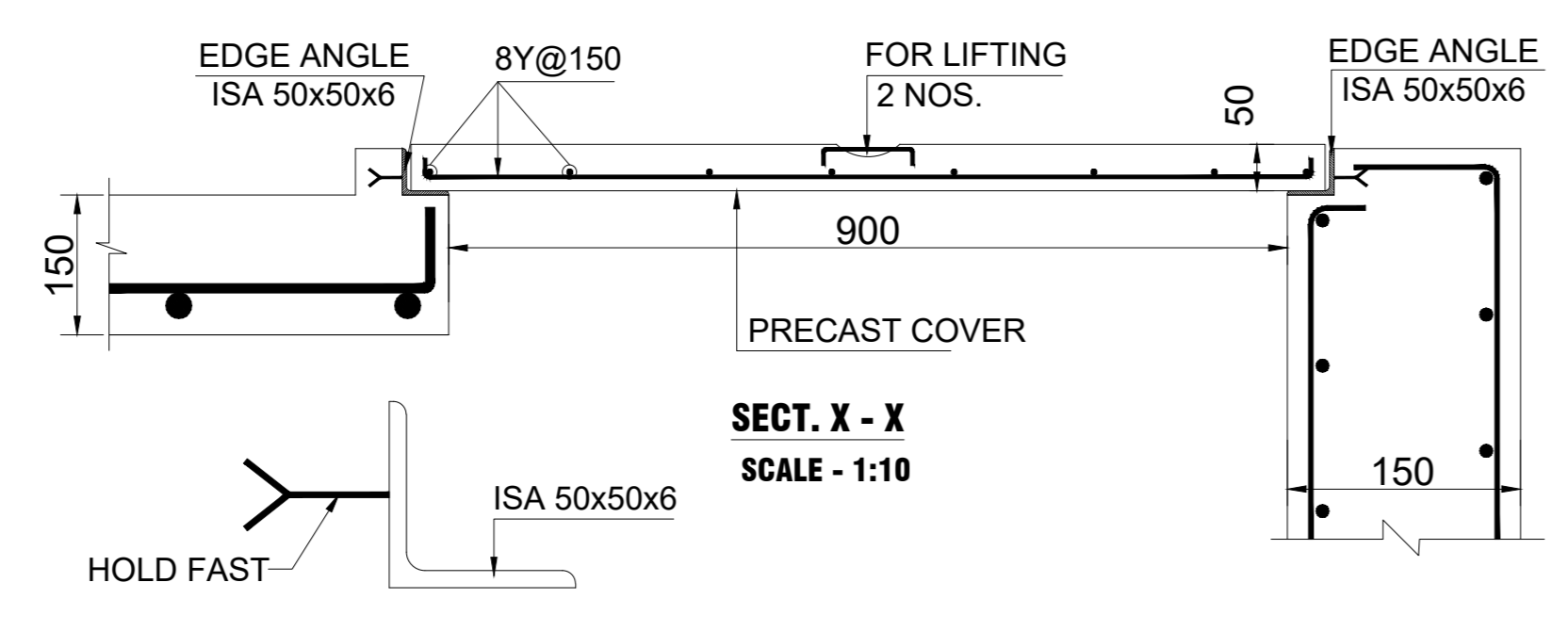
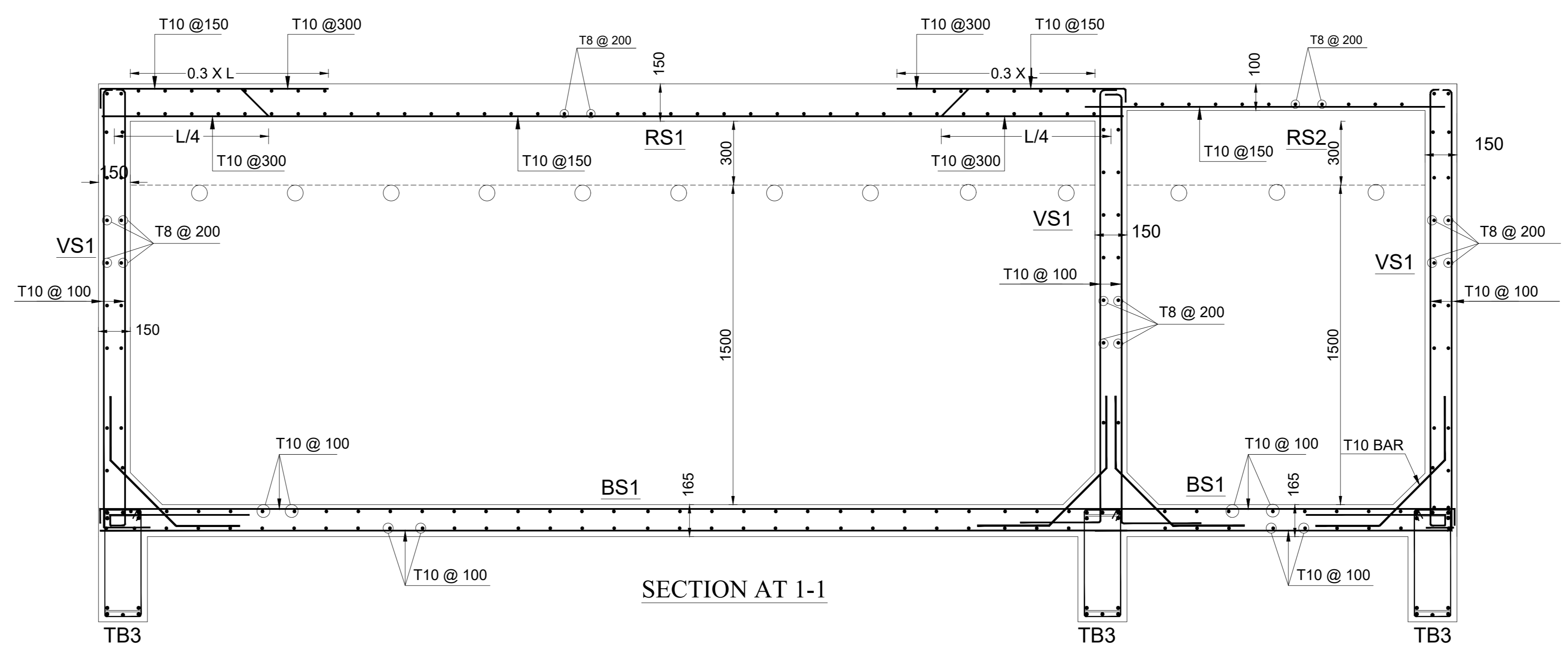


SCHEDULE OF BEAMS

BEAM NO.	SIZE		BOTTOM REINFORCEMENT		TOP REINFORCEMENT		STIRRUPS		SIDE BAR	REMARKS
	B	D	THROUGHOUT	MID SPAN 0.7XL	THROUGHOUT	EXTRA TOP 0.25XL FROM FACE OF COLUMN ON EACH SIDE	UPTO 2D FROM FACE OF COLUMN	AT MID SPAN		
TB1										
TB2										
TB3										
TB4										
TB5										
TB6										

SCHEDULE OF SLAB

SLAB	SIZE (OVERALL) IN MM	MID SPAN MAIN BARS		TOP BARS THROUGHOUT	EXTRA TOP BARS UPTO 0.3XL FROM FACE OF BEAM	DISTRIBUTION BARS C/C	REMARKS
		BOTM. BARS	BOTTOM BENT-UP @ L/4 FROM CENTER				
WATER TANK TOP LVL.							
BS1							
BS2							
WATER TANK BOT. LVL.							
BS1							
BS2							
BS3							
VERTICAL WALL							
VS1							
VS2							



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- PLAIN CEMENT CONCRETE M-10
- 5. COVER**
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 - OR DIA. OF BAR WHICHEVER IS GREATER.
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 12. BURNT OIL NOT PERMITTED FOR SHUTTERING.
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R4				
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CONSULTING ENGINEERS				
Chief Consultant: Sawan Sakale				
F-103, HIMALAYA ENCLAVE, PRATAP NAGAR CHOWK,				
NEAR POLICE CHAUKI				
PRATAPNAGAR, NAGPUR-440022.				
PHONE-91-9657228715				
prisminftratechconsultants@gmail.com				
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DESIGNED BY:	SSS	DATE:	25.12.2020	
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