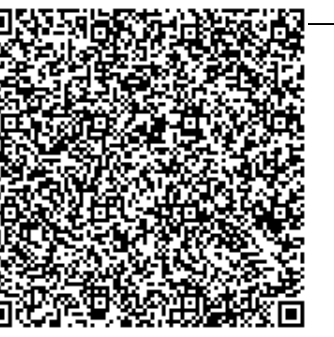


**STRUCTURAL DRAWING**

**PROJECT:**

NAME:-  
PROPOSED B+G+4 BUILDING CONSTRUCT  
1. SRI. SUMAN KRISHNA GOUTAM,  
2. SRI. DIPAK KUMAR G GAUTAM,  
3. SMT. SUPARNA GOUTAM,  
4. SMT. PAMPA GAUTAM,  
5. SMT. ANKITA GHOSH GOUTAM,  
6. SMT. DEBDATTA GOUTAM,  
7. SMT. SOMDATTA GOUTAM



**SCHEDULE OF LAND:-**

KHATAN NO. :-  
606,603,7730,7732,7731,7733,7734  
PLOT NO. :-  
3647,3648  
HOLDING NO. :-201/399  
ASSESSMENT NO. :-2905401637271  
ASSEESSEE NAME:-  
SUDIPTO BANERJEE, DURBA BANERJEE

**DEVELOPER DETAILS:-**

SUDIPTO BANERJEE & DURBA BANERJEE,  
DIRECTOR'S OF DOOARWINDS PROJECTS PVT. LTD.

**CERTIFICATE OF THE ENGINEER:**

CERTIFIED THAT THE STRUCTURAL DRAWING & DESIGN OF BOTH THE FOUNDATION AND SUPERSTRUCTURE OF THE BUILDING HAS BEEN MADE CONSIDERING THE SOIL TEST REPORT, AS PER THE RULES & REGULATIONS MADE UNDER THE ACT AND ALSO CONSIDERING ALL POSSIBLE LOADS, SEISMIC LOAD & THE MOMENTS GENERATED BY THE PROPOSED STRUCTURE AS PER THE BUREAU OF INDIAN STANDARD & NATIONAL BUILDING CODE OF INDIA & CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECT AND THESE PROVISIONS SHALL BE ADHERED TO DURING THE CONSTRUCTION.

NAME OF STRUCTURAL ENGINEER-KRISHNENDU PAUL  
ENROLLMENT NO: LSE-II/APDM-001

**GEO-TECHNICAL CONSULTANT:**

BHOOMI TESTING LABORATORY  
BIRENDRA MANSION BABUPARA, NEAR KARALA BRIDGE  
JALPAIGURI, WB -735101  
Mobile- 8981806321/8670338017/8128011524,  
Email-bhoomi@buildtech.co.in

**FOOTING DESIGN IS DONE WITH THE SBC OF 12 T/SQ.M BASED ON SOIL REPORT**

**GENERAL NOTES:**

- UNLESS SPECIALLY MENTIONED ON A DRAWING THE FOLLOWING NOTES SHALL APPLY TO ALL STRUCTURAL DRAWINGS.
- DO NOT SCALE THE DRAWING. FOLLOW WRITTEN DIMENSIONS ONLY.
- COORDINATE THIS DRAWING ALONG WITH RELEVANT ARCHITECTURAL AND SERVICES DRAWINGS.
- ALL DIMENSIONS AND LEVELS ARE IN MILLIMETERS UNLESS MENTIONED OTHERWISE.
- DO NOT SCALE THE DRAWING. FOLLOW WRITTEN DIMENSIONS ONLY.
- ALL STRUCTURAL DRAWINGS ARE BASED ON ARCHITECTURAL DRAWINGS. LAYOUT DIMENSIONS AS GIVEN IN STRUCTURAL DRAWINGS SHALL BE VERIFIED FROM RELEVANT ARCHITECTURAL DRAWINGS. IN CASE OF ANY AMBIGUITY IN DRAWINGS, THE MATTER SHALL BE REFERRED TO THE CONSULTANT BEFORE EXECUTION OF WORK AT SITE.
- ALL FOUNDATIONS SHALL BE REST ON VIRGIN SOIL. WHENEVER THE SOIL CONTAIN THE LOOSE SOIL POCKETS, THE SAME SHALL BE REMOVED AND REFILLED WITH THE P.C.C., NET SAFE BEARING CAPACITY TAKEN FOR DESIGN OF ISOLATED FOOTING IS 12T/SQ.M. AS PER SOIL TEST REPORT.
- THE LATEST REVISION OF THE DRAWING SHALL BE CONSIDERED WHILE REFERRING TO THE INDICATED DRAWING.
- HT. OF WATER IN RESERVOIR IS ASSUMED TO BE 1.52 MT.

**CONCRETE:**

- ALL STRUCTURAL REINFORCED CONCRETE WORK SHALL BE WITH DESIGN MIX CONCRETE OF GRADE M25 UNLESS NOTED OTHERWISE.
- PLAIN CONCRETE WORK SHALL BE OF THE FOLLOWING GRADES OF NOMINAL MIX CONCRETE:  
a). 1:1:4 PLUM CONCRETE FOR FILLING CONCRETE UNDER FOUNDATION (WITH MAXIMUM AGGREGATE SIZE OF 40 MM.) AND AS PER PIT, TRENCHES ETC.  
b). M-15 FOR LEAN CONCRETE BELOW FOUNDATIONS & BE PROTECTION.

**REINFORCEMENT STEEL:**

- ALL REINFORCING STEEL SHALL BE OF TESTED QUALITY.
- ALL REINFORCEMENTS UNLESS OTHERWISE SPECIFIED SHALL BE COLD DEFORMED HIGH YIELD STRENGTH BARS, CONFORMING TO IS-456 AND IS-1786 WITH MINIMUM YIELD STRENGTH OF 500 N/SQ. MM.
- UNLESS OTHERWISE SPECIFIED MINIMUM LAP LENGTH FOR REINFORCEMENT SHALL BE 50 X DIA. OF LARGER BAR. NOT MORE THAN 50 % OF BARS SHALL BE LAPPED AT ANY SECTION. FOR SLABS & BEAMS LAPS SHALL NOT BE PROVIDED AT MID SPANS FOR BOTTOM BARS AND CLOSE TO SUPPORTS FOR TOP BARS.
- LAPS AND SPLICES OF REINFORCEMENT TO SUIT AVAILABLE LENGTH OF BARS SHALL BE MADE AS SHOWN ON THE DRAWINGS OR APPROVED BY THE ENGINEER AT SITE.
- ALL HOOKS, BENDS, LAPS AND SPLICES SHALL BE AS PER IS-2502.
- UNLESS OTHERWISE SPECIFIED ON THE DRAWING CLEAR COVER TO THE MAIN REINFORCEMENT SHALL BE AS FOLLOWS:  
ISOLATED FOOTING - 50 MM, COLUMN - 40 MM, THE BEAM - 30 MM, PLINTH & FLOOR BEAM - 25 MM, SLAB - 20 MM.
- STRUCTURAL SPECIFICATIONS AND NOTES MENTIONED ABOVE SHALL BE FOLLOWED FOR ALL DRAWINGS AND CONSTRUCTION ACTIVITIES.

**DRG. TITLE:**

BASEMENT + GROUND FLOOR STOREY BUILDING:  
COLUMN FOUNDATION LAY-OUT, TIE/PLINTH BEAM LAY-OUT, TYP. DETAIL OF RAFT FOUNDATION, COLUMN, SLAB, SCHEDULE OF COLUMN.

**SPACE FOR OFFICE USE**

**CONSULTANT:**

BUILDTECH CONSULTANCY  
CHAYAN PARA BAZAR, SILIGURI  
EMAIL- info@buildtech.co.in  
Mob- 8128011524

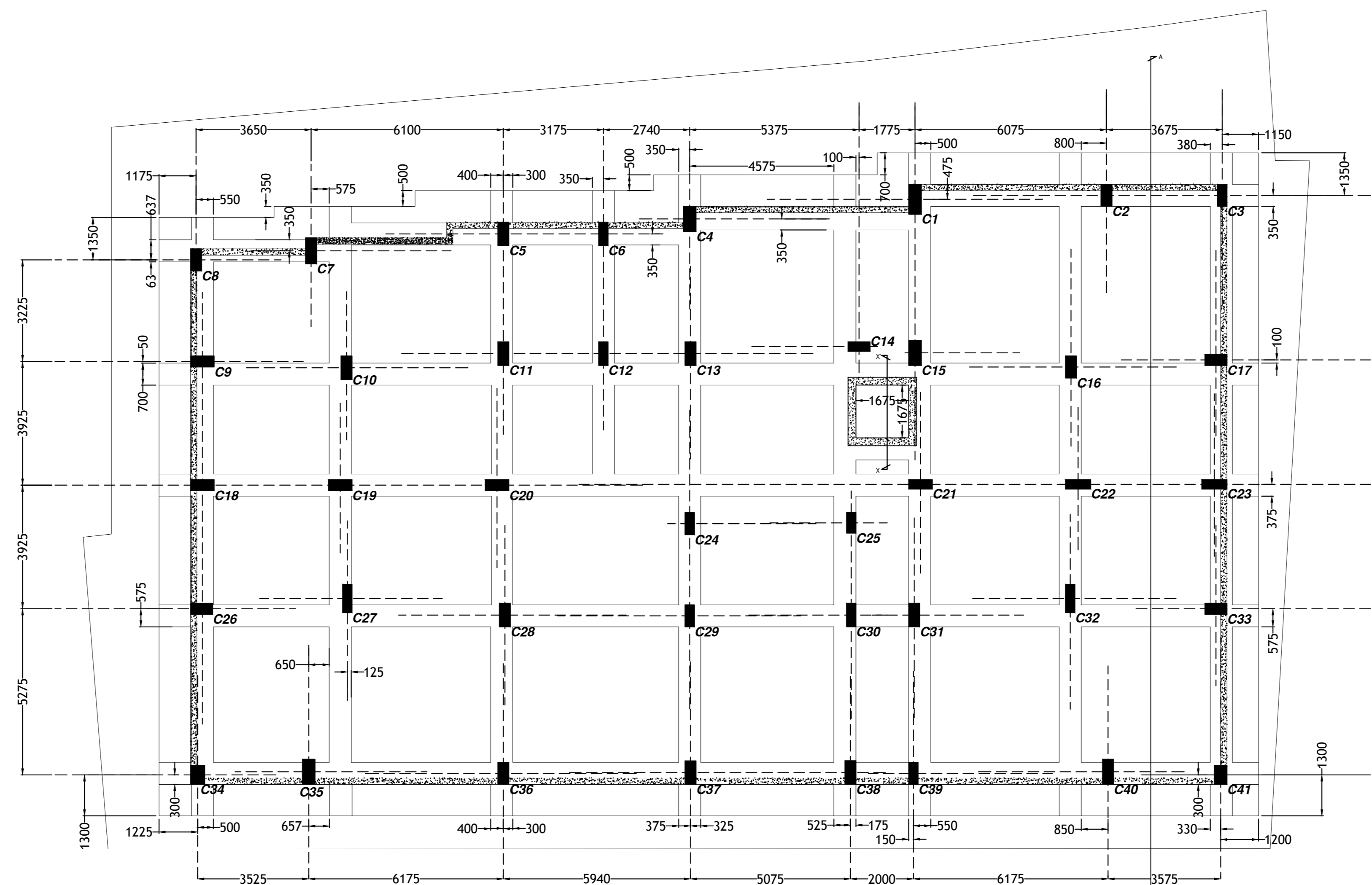
DWG. NO.: SLG/2023-24/ SRI. SUMAN KRISHNA GOUTAM & OTHERS /STR-01

SCALE- 1:100, 1:50, 1:25 SHEET: 1 OF 2

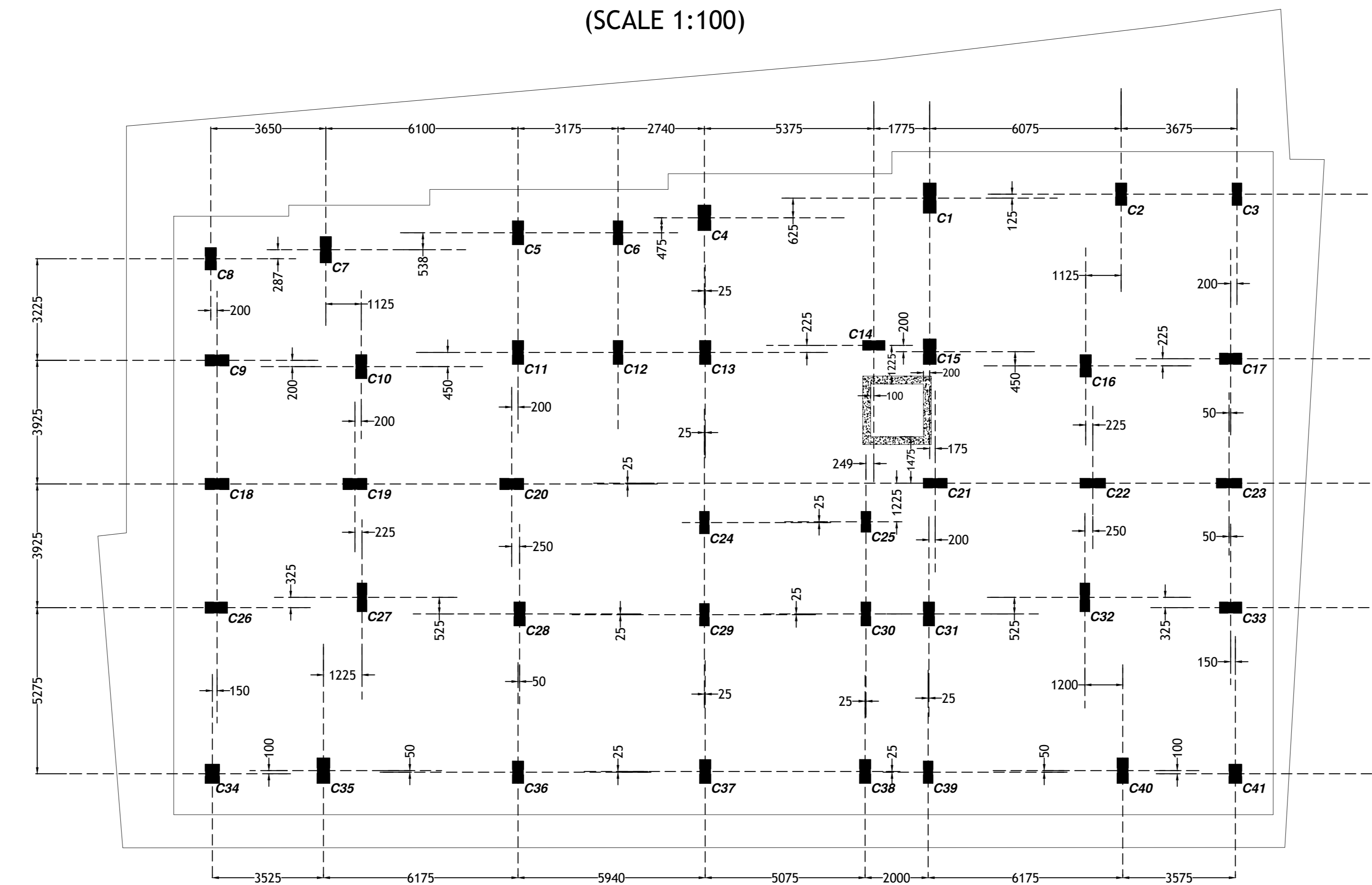
DATE: 08.08.2023 SIZE: 1190X841 REVISION: R0

**COLUMN SCHEDULE**

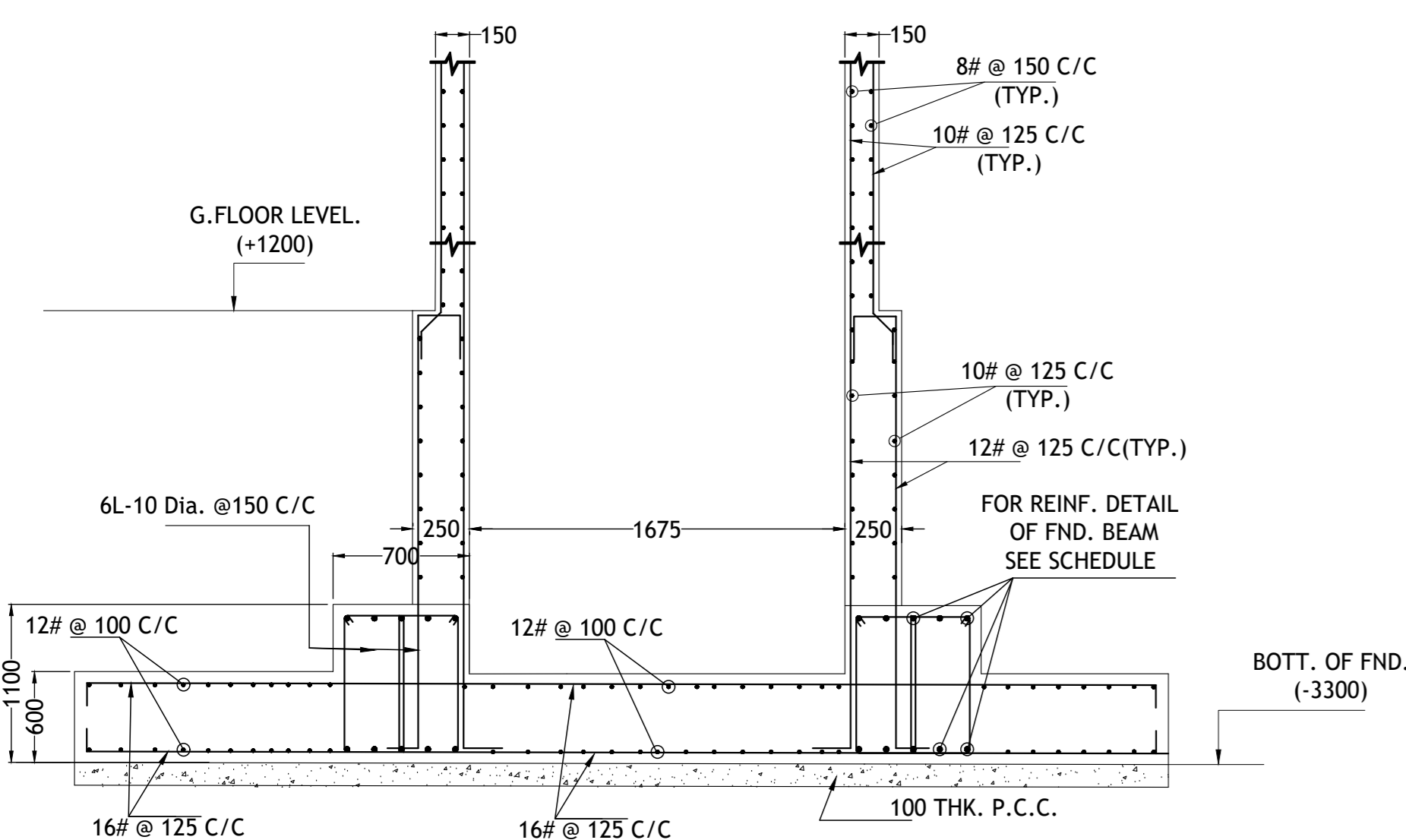
COL. MKD.	COLUMN SIZE	REINFORCEMENT			LINKS AT ZONE-A	LINKS AT ZONE-B
		FND. TO 1ST. FL. LVL.	1ST. FL. LVL. TO 4TH FLOOR.	4TH FL. LVL. TO REST.		
C1,	400X950	14-25 TOR 8-20 TOR	6-16 TOR 16-12 TOR	22-12 TOR	8T LINKS @ 100 C/C	8T LINKS @ 150 C/C
C2,C7	350X700	6-25 TOR 12-20 TOR	14-16 TOR 4-12 TOR	14-16 TOR 4-12 TOR	8T LINKS @ 100 C/C	8T LINKS @ 150 C/C
C3	300X700	10-25 TOR 4-20 TOR	4-16 TOR 10-12 TOR	4-16 TOR 10-12 TOR	8T LINKS @ 100 C/C	8T LINKS @ 150 C/C
C4	400X800	12-25 TOR 6-20 TOR	18-20 TOR	18-16 TOR	8T LINKS @ 100 C/C	8T LINKS @ 150 C/C
C5	350X750	14-25 TOR 8-20 TOR	6-16 TOR 16-12 TOR	22-12 TOR	8T LINKS @ 100 C/C	8T LINKS @ 150 C/C
C6	300X700	14-25 TOR 2-20 TOR	4-16 TOR 12-12 TOR	16-12 TOR	8T LINKS @ 100 C/C	8T LINKS @ 150 C/C
C8,C17,C36	350X700	8-25 TOR 10-20 TOR	12-16 TOR 6-12 TOR	18-12 TOR	8T LINKS @ 100 C/C	8T LINKS @ 150 C/C
C9	350X750	4-25 TOR 12-20 TOR	12-20 TOR 4-16 TOR	12-16 TOR 4-12 TOR	8T LINKS @ 100 C/C	8T LINKS @ 150 C/C
C10	350X750	16-20 TOR	4-16 TOR 12-12 TOR	16-12 TOR	8T LINKS @ 100 C/C	8T LINKS @ 150 C/C
C11,C37	350X750	12-25 TOR 4-20 TOR	10-16 TOR 6-12 TOR	4-16 TOR 12-12 TOR	8T LINKS @ 100 C/C	8T LINKS @ 150 C/C
C12	300X750	10-25 TOR 4-20 TOR	10-20 TOR 4-16 TOR	4-16 TOR 10-12 TOR	8T LINKS @ 100 C/C	8T LINKS @ 150 C/C
C13,C21	300X750	12-25 TOR 6-20 TOR	10-20 TOR 8-16 TOR	8-20 TOR 10-16 TOR	8T LINKS @ 100 C/C	8T LINKS @ 150 C/C
C14	300X700	4-25 TOR 10-20 TOR	4-20 TOR 10-16 TOR	14-12 TOR	8T LINKS @ 100 C/C	8T LINKS @ 150 C/C
C15	400X800	4-25 TOR 12-20 TOR	4-20 TOR 12-16 TOR	16-12 TOR	8T LINKS @ 100 C/C	8T LINKS @ 150 C/C
C16	350X700	10-25 TOR 4-20 TOR	4-16 TOR 10-12 TOR	4-16 TOR 10-12 TOR	8T LINKS @ 100 C/C	8T LINKS @ 150 C/C
C18	350X750	12-25 TOR 8-20 TOR	4-20 TOR 16-16 TOR	8-16 TOR 12-12 TOR	8T LINKS @ 100 C/C	8T LINKS @ 150 C/C
C19,C20	350X750	8-25 TOR 10-20 TOR	12-16 TOR 6-12 TOR	4-16 TOR 14-12 TOR	8T LINKS @ 100 C/C	8T LINKS @ 150 C/C
C22	300X800	10-25 TOR 8-20 TOR	6-16 TOR 12-12 TOR	18-12 TOR	8T LINKS @ 100 C/C	8T LINKS @ 150 C/C
C23	300X800	14-25 TOR 6-20 TOR	12-16 TOR 8-12 TOR	8-16 TOR 12-12 TOR	8T LINKS @ 100 C/C	8T LINKS @ 150 C/C
C24	300X700	4-25 TOR 10-20 TOR	4-20 TOR 10-12 TOR	4-20 TOR 10-12 TOR	8T LINKS @ 100 C/C	8T LINKS @ 150 C/C
C25	300X650	10-25 TOR 4-20 TOR	10-20 TOR 4-16 TOR	4-16 TOR 10-12 TOR	8T LINKS @ 100 C/C	8T LINKS @ 150 C/C
C26	350X700	12-25 TOR 4-20 TOR	16-20 TOR	16-16 TOR	8T LINKS @ 100 C/C	8T LINKS @ 150 C/C
C27	300X900	14-25 TOR 6-20 TOR	10-16 TOR 10-12 TOR	20-12 TOR	8T LINKS @ 100 C/C	8T LINKS @ 150 C/C
C28,C38	350X750	8-25 TOR 12-20 TOR	20-16 TOR	20-12 TOR	8T LINKS @ 100 C/C	8T LINKS @ 150 C/C
C29	300X700	10-25 TOR 4-20 TOR	4-20 TOR 10-16 TOR	10-16 TOR 4-12 TOR	8T LINKS @ 100 C/C	8T LINKS @ 150 C/C
C30	300X750	10-25 TOR 6-20 TOR	10-16 TOR 6-12 TOR	4-16 TOR 12-12 TOR	8T LINKS @ 100 C/C	8T LINKS @ 150 C/C
C31	350X750	12-25 TOR 8-20 TOR	4-20 TOR 16-12 TOR	20-12 TOR	8T LINKS @ 100 C/C	8T LINKS @ 150 C/C
C32	300X900	10-25 TOR 6-20 TOR	4-16 TOR 12-12 TOR	4-16 TOR 12-12 TOR	8T LINKS @ 100 C/C	8T LINKS @ 150 C/C
C33	350X700	14-25 TOR	10-16 TOR 4-12 TOR	10-16 TOR 4-12 TOR	8T LINKS @ 100 C/C	8T LINKS @ 150 C/C
C34	450X600	12-25 TOR 4-20 TOR	4-20 TOR 12-16 TOR	4-16 TOR 12-12 TOR	8T LINKS @ 100 C/C	8T LINKS @ 150 C/C
C35	400X800	16-25 TOR 4-20 TOR	16-12 TOR	20-12 TOR	8T LINKS @ 100 C/C	8T LINKS @ 150 C/C
C39	300X700	10-25 TOR 4-20 TOR	4-25 TOR 10-20 TOR	4-20 TOR 10-16 TOR	8T LINKS @ 100 C/C	8T LINKS @ 150 C/C
C40	350X800	16-25 TOR 4-20 TOR	12-16 TOR 8-12 TOR	20-12 TOR	8T LINKS @ 100 C/C	8T LINKS @ 150 C/C
C41	400X600	12-25 TOR 4-20 TOR	12-16 TOR 4-12 TOR	4-16 TOR 12-12 TOR	8T LINKS @ 100 C/C	8T LINKS @ 150 C/C



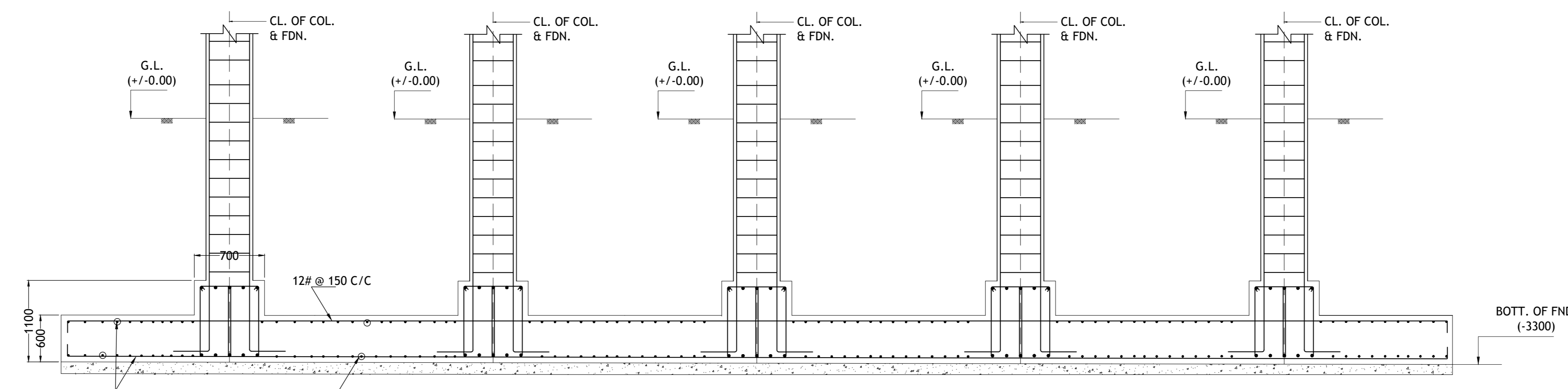
**RAFT FOUNDATION LAYOUT (SCALE 1:100)**



**COLUMN CENTER LINE LAYOUT (SCALE 1:100)**



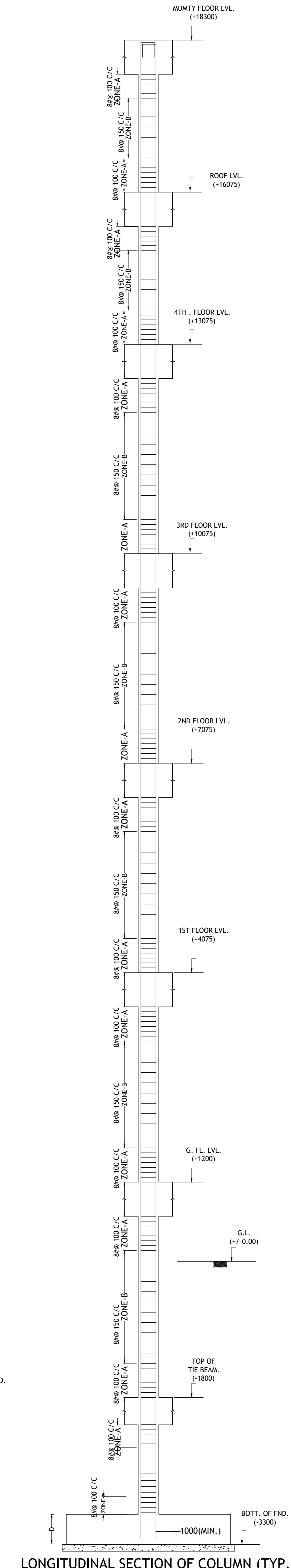
**SECTION- B B'**



**SECTION- A A' SCALE 1:25**

**SCHEDULE OF RAFT FOOTING:**

FOOTING MKD.	SIZE AS PER LAYOUT	FND. SLAB DEPTH	SLAB REINFORCEMENT		FND. BEAM SIZE	EXTRA BOTTOM (SUPPORT)		EXTRA TOP (SPAN)		AT SUPPORT	AT MID SPAN
			MAIN BAR	DISTRIBUTION BAR		ALL THROUGH TOP	ALL THROUGH BOTTOM	ALL THROUGH TOP	ALL THROUGH BOTTOM		
RAFT SLAB			FOR SLAB REINFORCEMENT SEE SECTIONAL DRAWING		700x1100	8-20#	8-25#	4-25#	4-20#	6L-10 Dia. @125 C/C	6L-10 Dia. @175 C/C



**LONGITUDINAL SECTION OF COLUMN (TYP.)**



**STRUCTURAL DRAWING**

**PROJECT:**

NAME:-  
 PROPOSED B+G+4 BUILDING CONSTRUC  
 1. SRI. SUMAN KRISHNA GOUTAM,  
 2. SRI. DIPAK KUMAR GAUTAM,  
 3. SMT. SUPARNA GOUTAM,  
 4. SMT. PAMPA GAUTAM,  
 5. SMT. ANKITA GHOSH GOUTAM,  
 6. SMT. DEBDATTA GOUTAM,  
 7. SMT. SOMDATTA GOUTAM



**SCHEDULE OF LAND:-**

KHATIAN NO. :-  
 606,603,7730,7732,7731,7733,7734  
 PLOT NO. :-  
 3647,3648  
 HOLDING NO. :-201/399  
 ASSESSMENT NO. :-2905401637271  
 ASSESSEE NAME:-  
 SUDIPTO BANERJEE, DURBA BANERJEE

**DEVELOPER DETAILS:-**

SUDIPTO BANERJEE & DURBA BANERJEE,  
 DIRECTOR'S OF DOORWINDS PROJECTS PVT. LTD.

**CERTIFICATE OF THE ENGINEER:**

CERTIFIED THAT THE STRUCTURAL DRAWING & DESIGN OF BOTH THE FOUNDATION AND SUPERSTRUCTURE OF THE BUILDING HAS BEEN MADE CONSIDERING THE SOIL TEST REPORT, AS PER THE RULES & REGULATIONS MADE UNDER THE ACT AND ALSO CONSIDERING ALL POSSIBLE LOADS, SEISMIC LOAD & THE MOMENTS GENERATED BY THE PROPOSED STRUCTURE AS PER THE BUREAU OF INDIAN STANDARD & NATIONAL BUILDING CODE OF INDIA & CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECT AND THESE PROVISIONS SHALL BE ADHERED TO DURING THE CONSTRUCTION.

NAME OF STRUCTURAL ENGINEER-KRISHNENDU PAUL  
 ENROLLMENT NO: LSE-II/APDM-001

**GEO-TECHNICAL CONSULTANT:**

BHOOMI TESTING LABORATORY  
 BIRENDRA MANSION BABUPARA, NEAR KARALA BRIDGE  
 JALPAIGURI, WB -735101  
 Mobile- 8981806321/8670338017/8128011524,  
 Email-bhoomi@buildtech.co.in

**FOOTING DESIGN IS DONE WITH THE SBC OF 12 T.S.Q.M BASED ON SOIL REPORT**

**GENERAL NOTES:**

- UNLESS SPECIALLY MENTIONED ON A DRAWING THE FOLLOWING NOTES SHALL APPLY TO ALL STRUCTURAL DRAWINGS.
- CO-ORDINATE THIS DRAWING ALONG WITH RELEVANT ARCHITECTURAL AND SERVICES DRAWINGS.
- ALL DIMENSIONS AND LEVELS ARE IN MILLIMETERS UNLESS MENTIONED OTHERWISE.
- DO NOT SCALE THE DRAWING. FOLLOW WRITTEN DIMENSIONS ONLY.
- ALL STRUCTURAL DRAWINGS ARE BASED ON ARCHITECTURAL DRAWINGS. LAYOUT DIMENSIONS AS GIVEN IN STRUCTURAL DRAWINGS SHALL BE VERIFIED FROM RELEVANT ARCHITECTURAL DRAWINGS. IN CASE OF ANY AMBIGUITY IN DRAWINGS, THE MATTER SHALL BE REFERRED TO THE CONSULTANT BEFORE EXECUTION OF WORK AT SITE.
- ALL FOUNDATIONS SHALL BE REST ON VIRGIN SOIL. WHENEVER THE SOIL CONTAIN THE LOOSE SOIL POCKETS, THE SAME SHALL BE REMOVED AND FILLED WITH THE P.C.C., NET SAFE BEARING CAPACITY TAKEN FOR DESIGN OF ISOLATED FOOTING IS 12T/sq.m. AS PER SOIL TEST REPORT.
- THE LATEST REVISION OF THE DRAWING SHALL BE CONSIDERED WHILE REFERRING TO THE INDICATED DRAWING.
- HT. OF WATER IN RESERVOIR IS ASSUMED TO BE 1.52 MT.
- CONCRETE:
- ALL STRUCTURAL REINFORCED CONCRETE WORK SHALL BE WITH DESIGN MIX CONCRETE OF GRADE M25 UNLESS NOTED OTHERWISE.
- PLAIN CONCRETE WORK SHALL BE OF THE FOLLOWING GRADES OF NOMINAL MIX CONCRETE:
  - a). 1:5:10 PLUM CONCRETE FOR FILLING CONCRETE UNDER FOUNDATION (WITH MAXIMUM AGGREGATE SIZE OF 40 MM.) AND AS, PIT, TRENCHES ETC.
  - b). M-15 FOR LEAN CONCRETE BELOW FOUNDATIONS & PROTECTION.
- REINFORCEMENT STEEL:
- ALL REINFORCING STEEL SHALL BE OF TESTED QUALITY.
- ALL REINFORCEMENTS UNLESS OTHERWISE SPECIFIED SHALL BE COLD DEFORMED HIGH YIELD STRENGTH BARS, CONFORMING TO IS:456 AND IS:1786 WITH MINIMUM YIELD STRENGTH OF 500 N/SQ. MM.
- UNLESS OTHERWISE SPECIFIED MINIMUM LAP LENGTH FOR REINFORCEMENT SHALL BE 30 x DIA. OF LARGER BAR. NOT MORE THAN 50 % OF BARS SHALL BE LAPPED AT ANY SECTION. FOR SLABS & BEAMS LAPS SHALL NOT BE PROVIDED AT MID SPANS FOR BOTTOM BARS AND CLOSE TO SUPPORTS FOR TOP BARS.
- LAPS AND SPLICES OF REINFORCEMENT TO SUIT AVAILABLE LENGTHS OF BARS SHALL BE MADE AS SHOWN ON THE DRAWINGS OR APPROVED BY THE ENGINEER AT SITE.
- ALL HOOKS, BENDS, LAPS AND SPLICES SHALL BE AS PER IS:2502.
- ZONE A- 800 MM IN COLUMN SECTION.

**CLEAR COVER:**

- UNLESS OTHERWISE SPECIFIED ON THE DRAWING CLEAR COVER TO THE MAIN REINFORCEMENT SHALL BE AS FOLLOWS:
- ISOLATED FOOTING - 50 MM, COLUMN - 40 MM, THE BEAM - 30 MM, PLINTH & FLOOR BEAM - 25 MM, SLAB - 20 MM.
- STRUCTURAL SPECIFICATIONS AND NOTES MENTIONED ABOVE SHALL BE FOLLOWED FOR ALL DRAWINGS AND CONSTRUCTION ACTIVITIES.

**DRG. TITLE:**

BASEMENT + GROUND + FOUR STOREY BUILDING:  
 COLUMN FOUNDATION LAY-OUT, TIE/PLINTH BEAM LAY-OUT, TYP. DETAIL OF RAFT FOUNDATION, COLUMN, SLAB, SCHEDULE OF COLUMN.

**CONSULTANT:**

BUILDTech CONSULTANCY  
 CHAYAN PARA BAZAR, SILIGURI  
 EMAIL- info@buildtech.co.in  
 Mob- 8128011524

DWG. NO. :- SLG/2023-24/ SRI. SUMAN KRISHNA GOUTAM & OTHERS /STR-01

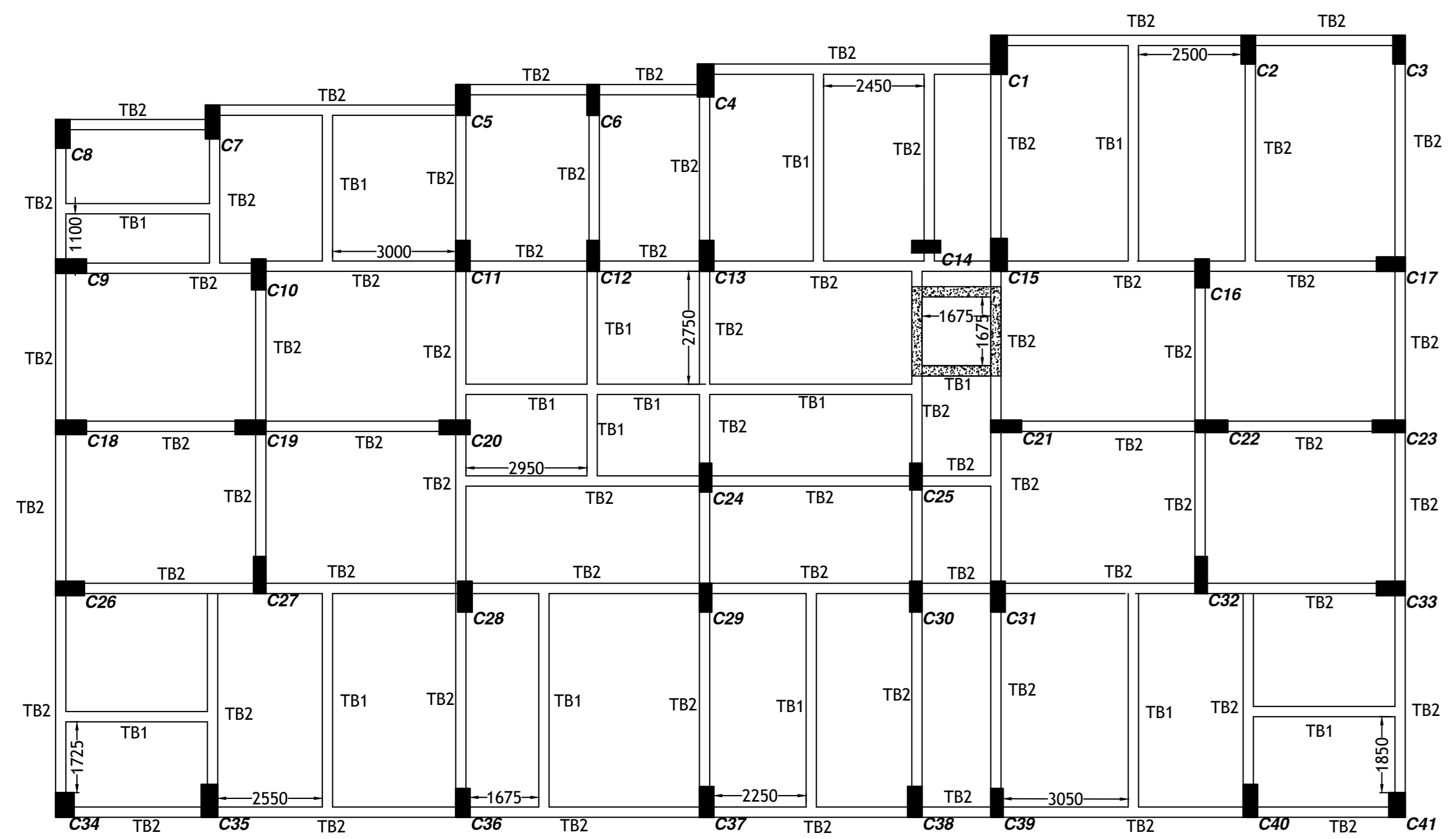
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SHEET:2 OF 2

DATE: 08.08.2023

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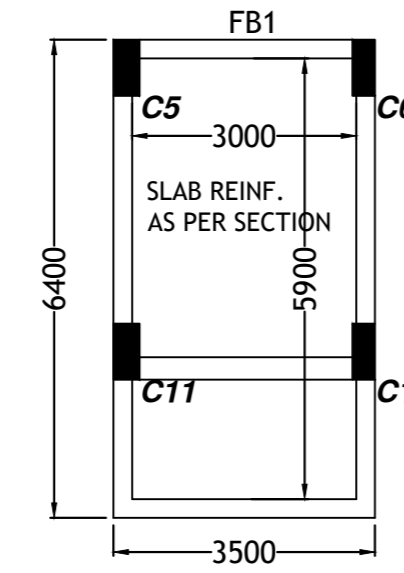
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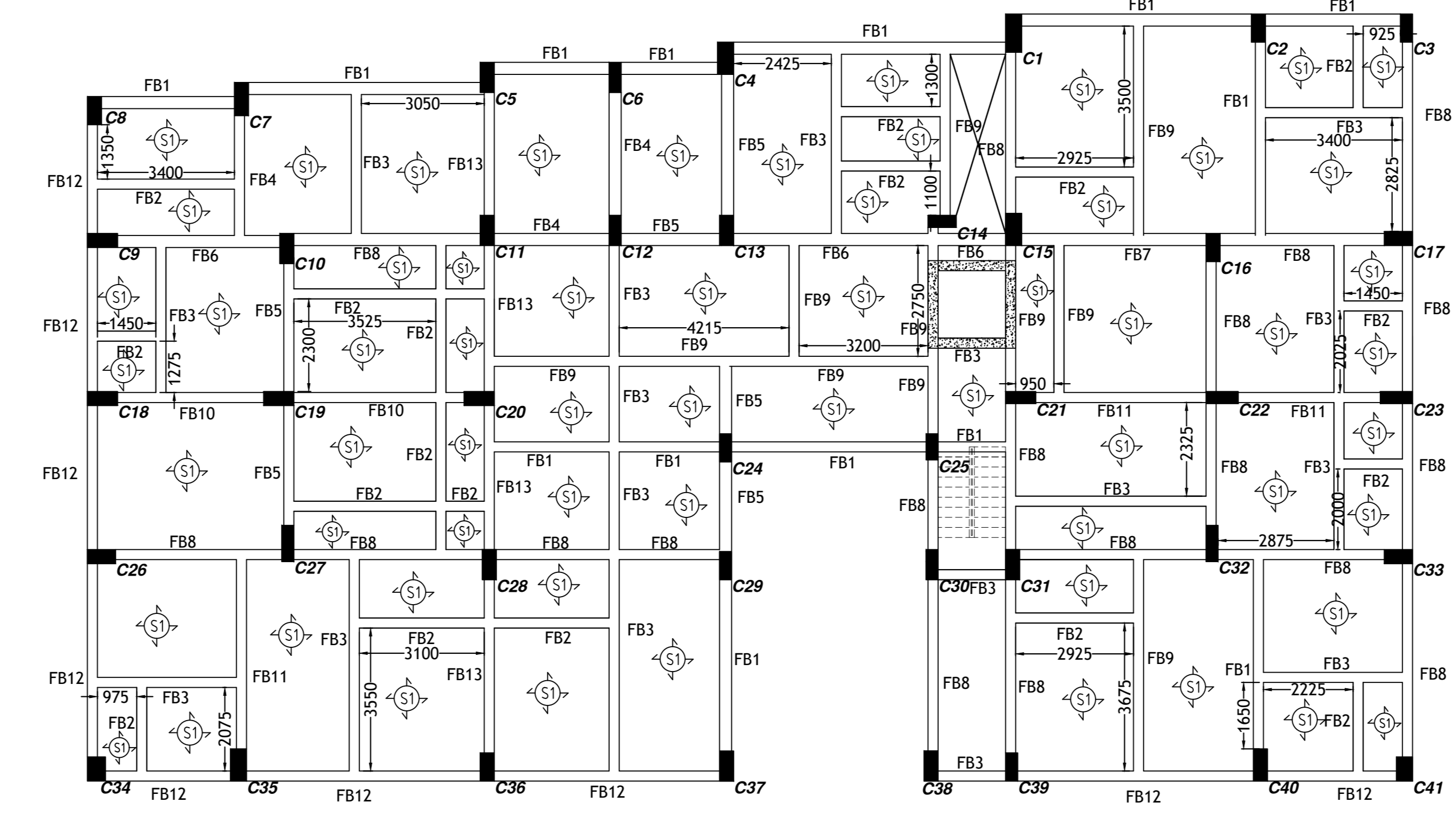
**TIE BEAM LAYOUT**  
 (FOR LVL SEE LONGITUDINAL SECTION OF COLUMN)  
 (SCALE 1:100)

**TIE BEAM SCHEDULE (M25:Fe500)**

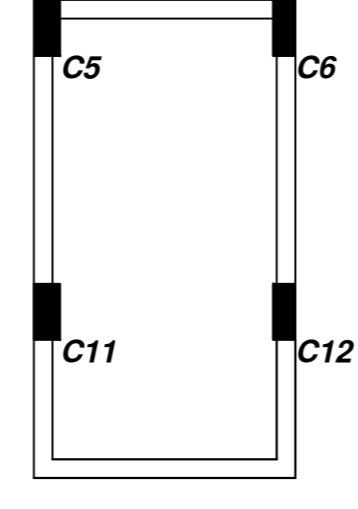
BEAM NUMBER	SIZE	BOTTOM REINFORCEMENT		TOP REINFORCEMENT		SHEAR STIRRUPS	
		SUPPORT	SPAN	SUPPORT	SPAN	SUPPORT (S1)	SPAN (S2)
TB1	250 x 400	3-T16	3-T16	3-T16	3-T16	2L-T8@ 100 C/C	2L-T8@ 150 C/C
TB2	250 x 400	3-T16	3-T16	3-T16	3-T16	2L-T8@ 100 C/C	2L-T8@ 150 C/C



**BEAM LAYOUT UNDER WATER RESERVOIR**  
 AT LV. 18300



**GROUND FLOOR SLAB-BEAM LAYOUT**  
 (SCALE 1:100)



**TIE BEAM LAYOUT**  
 AT LV. 20250

**FLOOR BEAM SCHEDULE (M25:Fe500)**

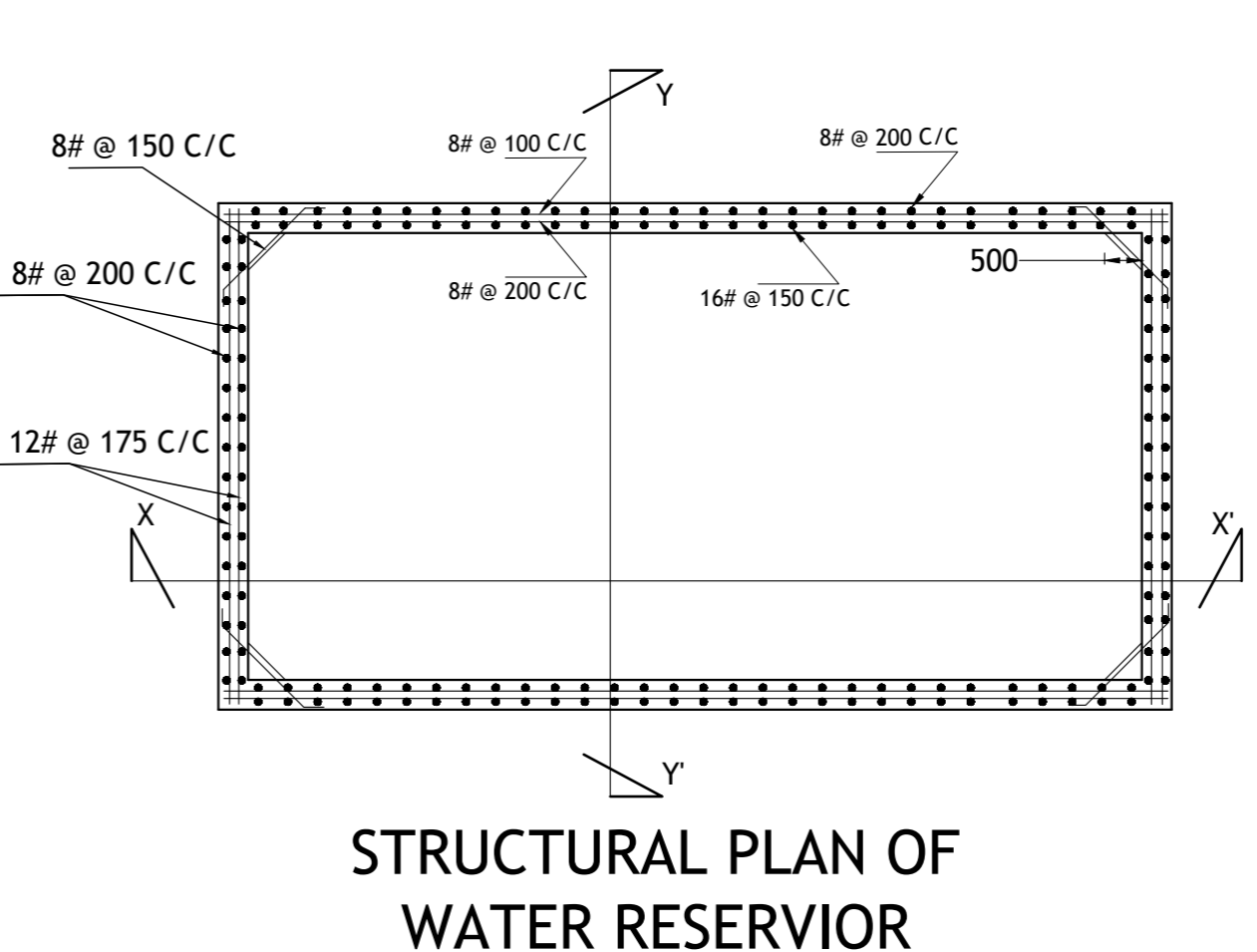
BEAM NUMBER	SIZE	BOTTOM REINFORCEMENT		TOP REINFORCEMENT		SHEAR STIRRUPS	
		SUPPORT	SPAN	SUPPORT	SPAN	SUPPORT (S1)	SPAN (S2)
FB1	300 x 500	3-T20	3-T20	3-T20	3-T20	2L-T8@ 100 C/C	2L-T8@ 150 C/C
FB2	250 x 500	2-T16 + 1-T12	2-T16 + 1-T12	2-T16 + 1-T12	2-T16 + 1-T12	2L-T8@ 100 C/C	2L-T8@ 150 C/C
FB3	250 x 500	3-T16	3-T16	3-T16	3-T16	2L-T8@ 100 C/C	2L-T8@ 150 C/C
FB4	300 x 500	3-T20	3-T20	3-T20	3-T20	2L-T8@ 100 C/C	2L-T8@ 150 C/C
FB5	300 x 500	3-T20	3-T20	3-T20	3-T20	2L-T8@ 100 C/C	2L-T8@ 150 C/C
FB6	300 x 500	3-T20	3-T20	3-T20	3-T20	2L-T8@ 100 C/C	2L-T8@ 150 C/C
FB7	300 x 500	3-T20	3-T20	3-T20	3-T20	2L-T8@ 100 C/C	2L-T8@ 150 C/C
FB8	300 x 500	3-T20	3-T20	3-T20	3-T20	2L-T8@ 100 C/C	2L-T8@ 150 C/C
FB9	250 x 500	3-T20	3-T20	3-T20	3-T20	2L-T8@ 100 C/C	2L-T8@ 150 C/C
FB10	300 x 500	3-T20	3-T20	3-T20	3-T20	2L-T8@ 100 C/C	2L-T8@ 150 C/C
FB11	300 x 500	3-T20	3-T20	3-T20	3-T20	2L-T8@ 100 C/C	2L-T8@ 150 C/C
FB12	300 x 500	3-T20	3-T20	3-T20	3-T20	2L-T8@ 100 C/C	2L-T8@ 150 C/C
FB13	300 x 500	3-T25	3-T25	3-T25	3-T25	2L-T8@ 100 C/C	2L-T8@ 150 C/C

**NOTE:-**

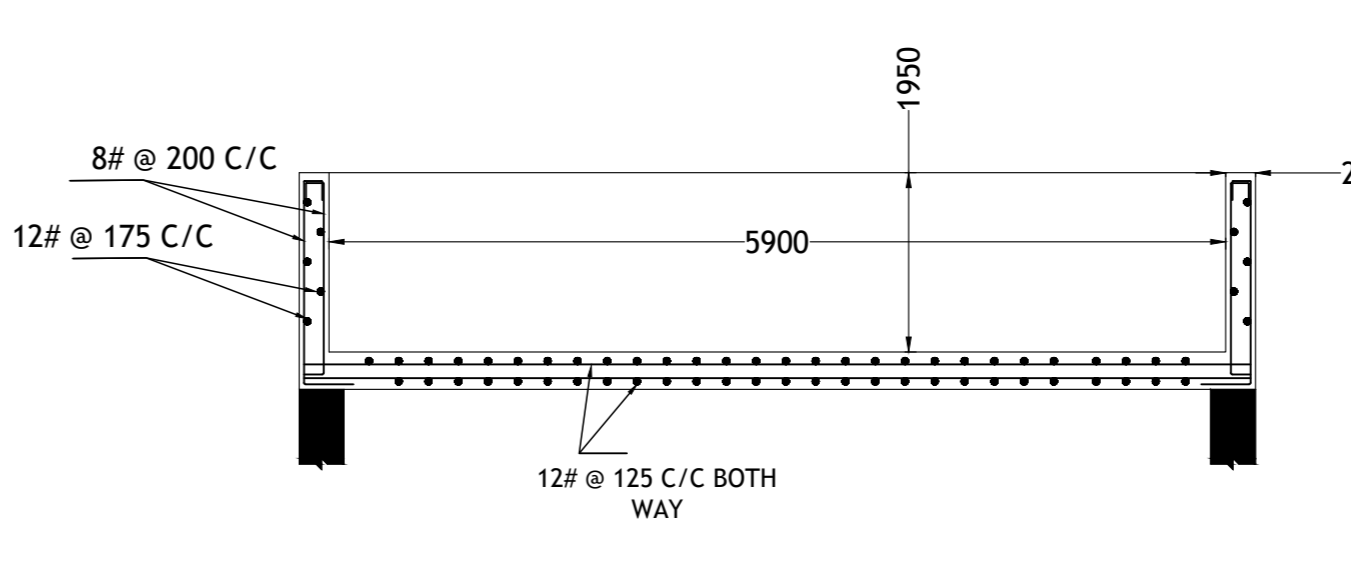
- MUMTY BEAM/TIE BEAM AT LVL 20250, SIZE WILL BE 250X400 & REINFORCEMENT WILL BE 3-T16 ALL THROUGH TOP, 3-T16 ALL THROUGH BOTTOM
- BEAM SIZE OF LIFT WELL WILL BE 250X400 & REINFORCEMENT WILL BE 3-T20 ALL THROUGH TOP, 3-T20 ALL THROUGH BOTTOM

**FLOOR SLAB SCHEDULE (M25 : FE500)**

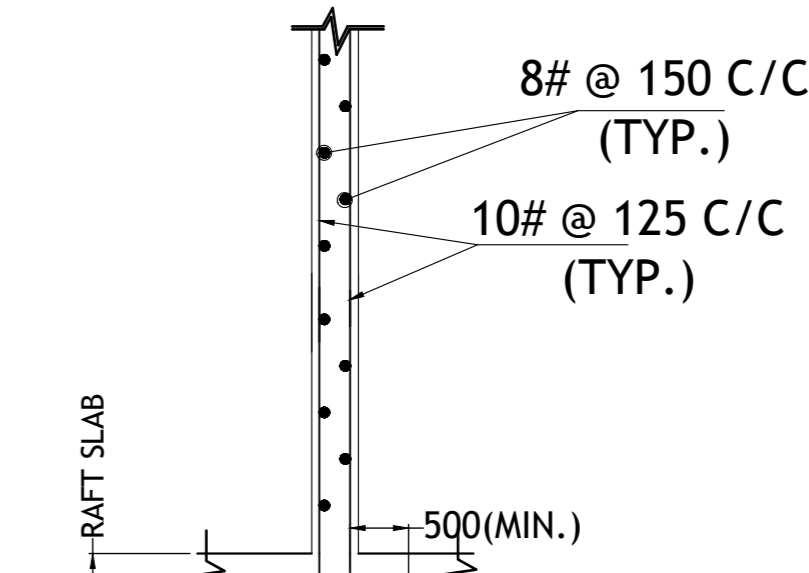
SLAB MARKED	SLAB THICKNESS	BOTTOM REINFORCEMENT		TOP REINFORCEMENT	
		ALONG SHORT SPAN	ALONG LONG SPAN	ALONG SHORT SPAN	ALONG LONG SPAN
S1	125	T8 @ 115 C/C	T8 @ 115 C/C	T8 @ 115 C/C	T8 @ 115 C/C
Mumty slab	125	T8 @ 150 C/C	T8 @ 150 C/C	T8 @ 150 C/C	T8 @ 150 C/C
Lift room slab	200	T8 @ 150 C/C	T8 @ 150 C/C	T8 @ 150 C/C	T8 @ 150 C/C
waist slab	150	Main bar: T12@125		Binder For Top Bar: 8 # @150 C/C	
SC	125	Main Bar: 10 # @100 C/C		Binder Bar: 8 # @150 C/C	



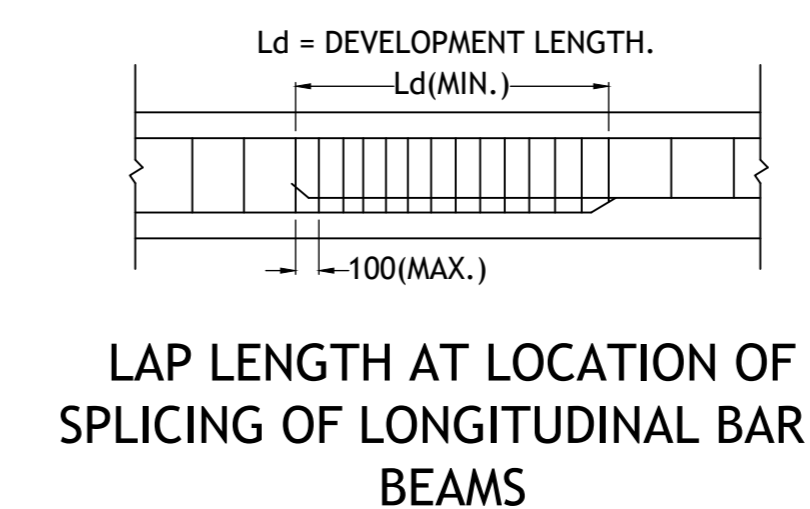
**STRUCTURAL PLAN OF WATER RESERVOIR**



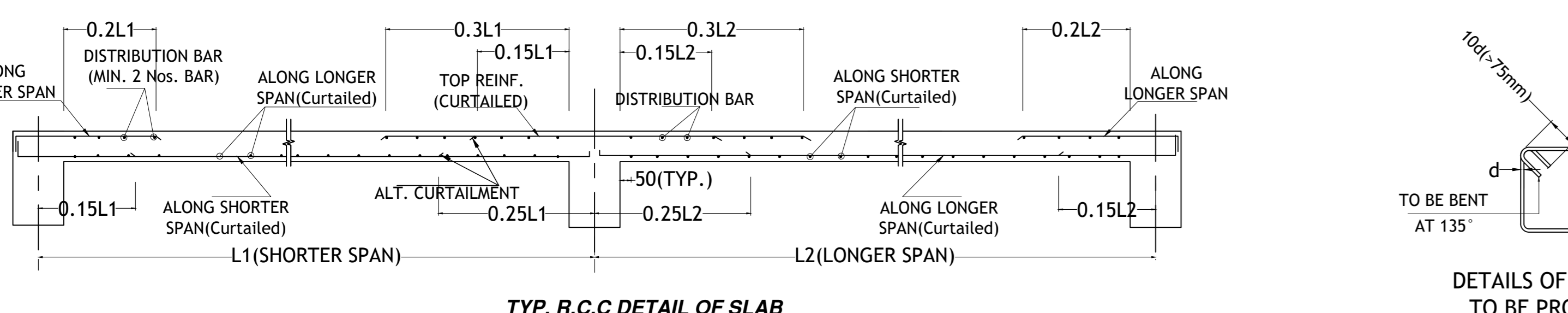
**SECTION X-X'**



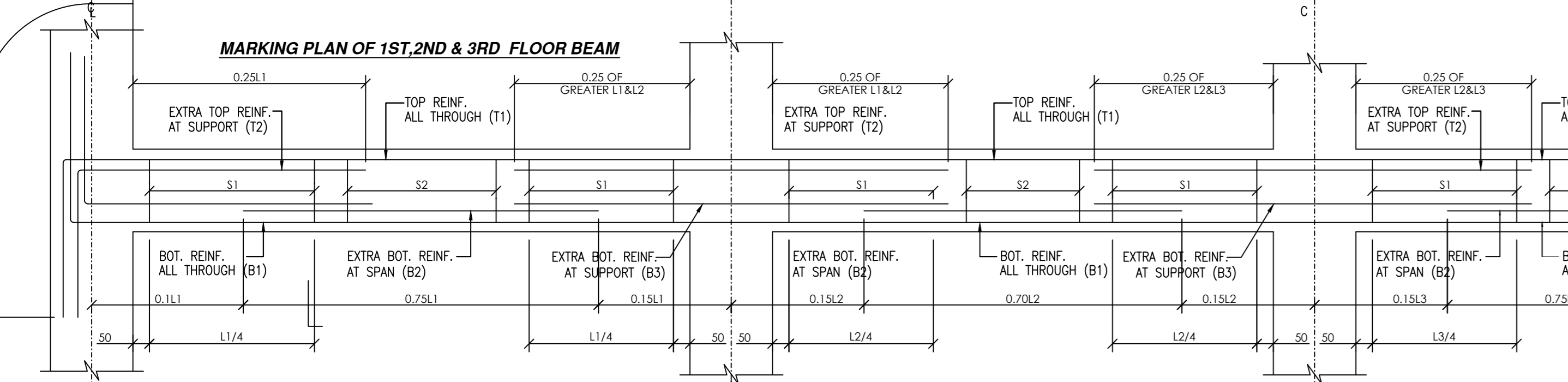
**TYPICAL REINF. OF SHEAR WALL**



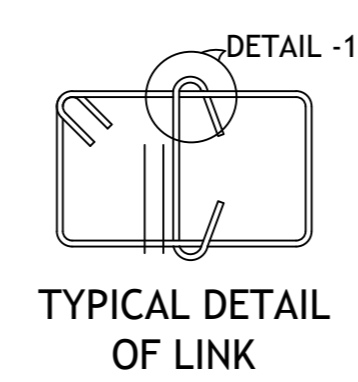
**LAP LENGTH AT LOCATION OF SPLICING OF LONGITUDINAL BAR IN BEAMS**



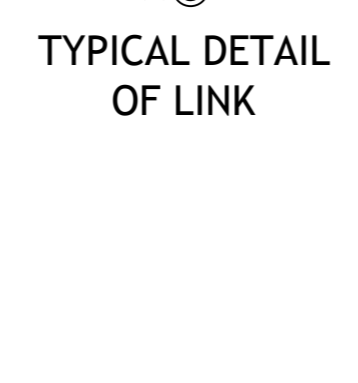
**TYP. R.C.C DETAIL OF SLAB**



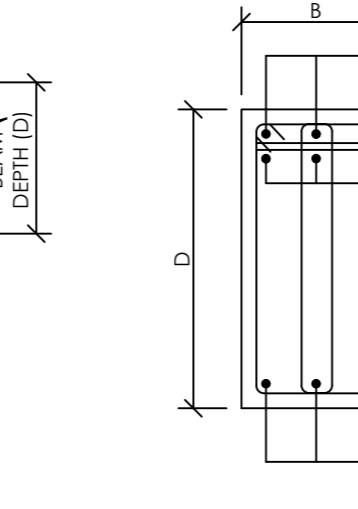
**TYP. R.C.C DETAIL OF BEAM**



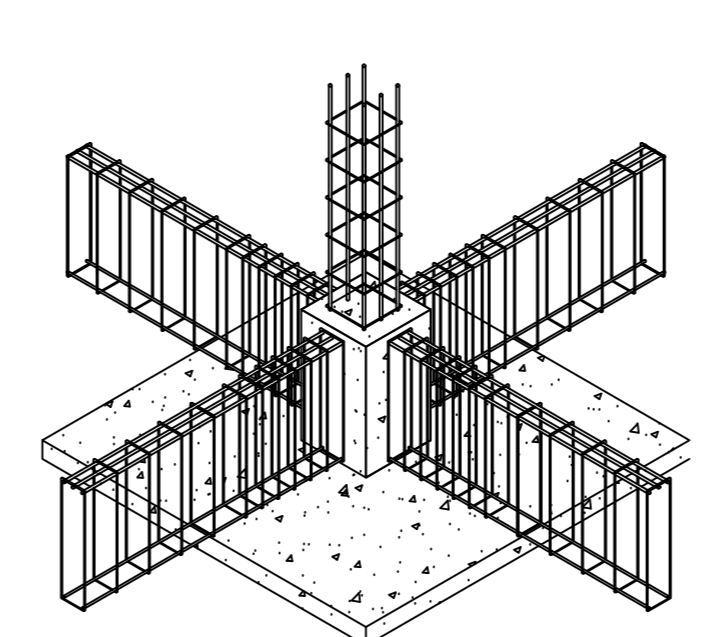
**DETAILS OF 135° HOOK TO BE PROVIDED TO ALL LINK**



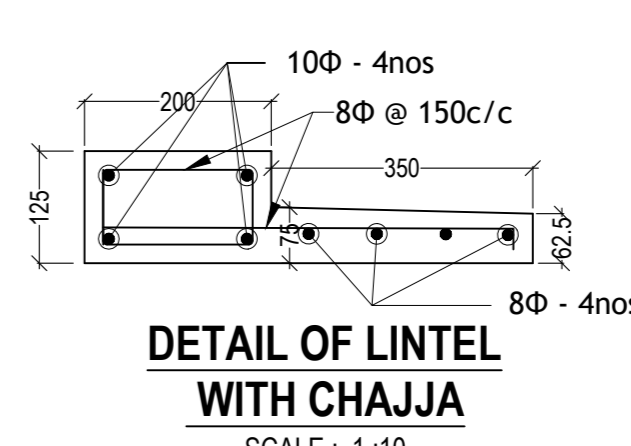
**TYPICAL DETAIL OF LINK**



**TYP. REINF. DETAIL OF BEAM**



**BEAM COLUMN JUNCTION ISOMETRIC VIEW**



**DETAIL OF LINTEL WITH CHAJJA**  
 SCALE: 1:10