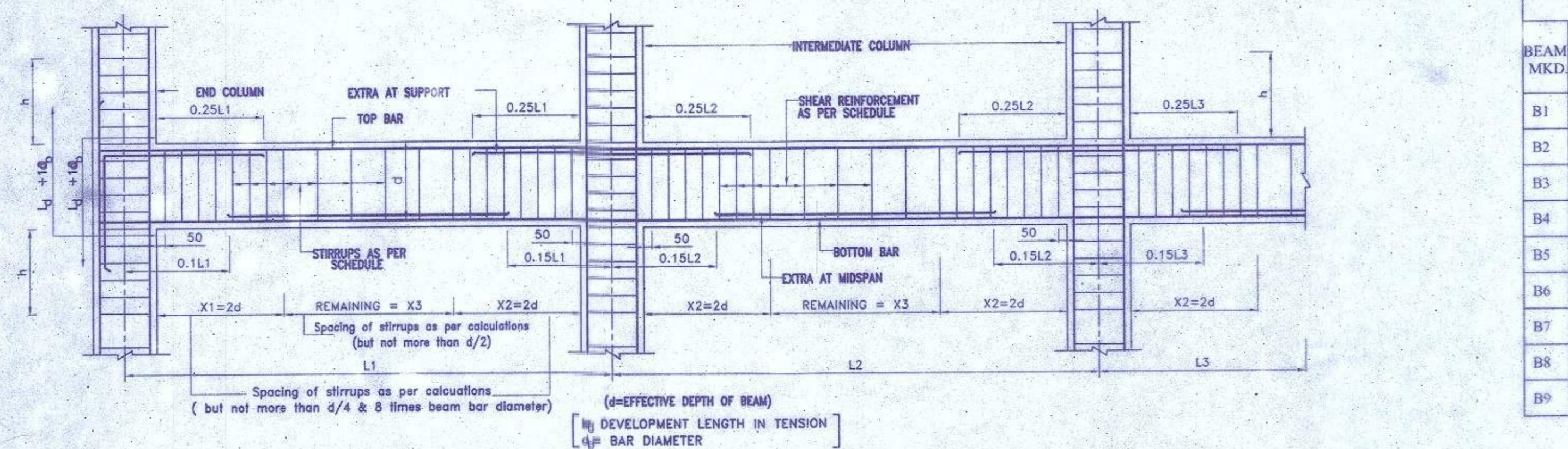


TYPICAL REINFORCEMENT SCHEME OF SLAB.



TYPICAL DETAIL OF BEAM (LONGITUDINAL SECTION)

SCHEDULE OF BEAM									
BEAM MKD.	BEAM SIZE	MAIN REINFORCEMENT						STIRRUPS	
		CONT. SUPPORT		SPAN		DISCONT. SUPPORT		SUPPORT	SPAN
		TOP	BOT.	TOP	BOT.	TOP	BOT.		
TB1	250X400	2-16 <sup>+</sup> 1-16 <sup>-</sup>	2-16 <sup>+</sup>	2-16 <sup>+</sup>	2-16 <sup>+</sup> 1-16 <sup>-</sup>	2-16 <sup>+</sup>	2-16 <sup>+</sup>	8 <sup>+</sup> -2L @100 C/C	8 <sup>+</sup> -2L @150 C/C
TB2	250X400	2-16 <sup>+</sup>	2-16 <sup>+</sup>	2-16 <sup>+</sup>	ALTH.	2-16 <sup>+</sup>	2-16 <sup>+</sup>	8 <sup>+</sup> -2L @100 C/C	8 <sup>+</sup> -2L @150 C/C
TB3	250X400	2-16 <sup>+</sup> 1-20 <sup>-</sup>	2-16 <sup>+</sup>	2-16 <sup>+</sup>	2-16 <sup>+</sup> 1-20 <sup>-</sup>	2-16 <sup>+</sup>	2-16 <sup>+</sup>	8 <sup>+</sup> -2L @100 C/C	8 <sup>+</sup> -2L @150 C/C

SCHEDULE OF BEAM									
BEAM MKD.	BEAM SIZE	MAIN REINFORCEMENT						STIRRUPS	
		CONT. SUPPORT		SPAN		DISCONT. SUPPORT		SUPPORT	SPAN
		TOP	BOT.	TOP	BOT.	TOP	BOT.		
B1	250X500	2-16 <sup>+</sup> 1-20 <sup>-</sup>	2-16 <sup>+</sup>	2-16 <sup>+</sup>	2-16 <sup>+</sup> 1-20 <sup>-</sup>	2-16 <sup>+</sup>	2-16 <sup>+</sup>	8 <sup>+</sup> -2L @100 C/C	8 <sup>+</sup> -2L @150 C/C
B2	250X500	2-16 <sup>+</sup> 2-20 <sup>-</sup>	2-16 <sup>+</sup>	2-16 <sup>+</sup>	2-16 <sup>+</sup> 2-20 <sup>-</sup>	2-16 <sup>+</sup>	2-20 <sup>-</sup>	8 <sup>+</sup> -2L @100 C/C	8 <sup>+</sup> -2L @150 C/C
B3	250X500	2-16 <sup>+</sup> 3-20 <sup>-</sup>	2-16 <sup>+</sup>	2-16 <sup>+</sup>	2-16 <sup>+</sup> 2-20 <sup>-</sup>	2-16 <sup>+</sup>	2-20 <sup>-</sup>	8 <sup>+</sup> -2L @100 C/C	8 <sup>+</sup> -2L @150 C/C
B4	250X500	2-16 <sup>+</sup>	2-16 <sup>+</sup>	2-16 <sup>+</sup>	2-16 <sup>+</sup>	2-16 <sup>+</sup>	2-16 <sup>+</sup>	8 <sup>+</sup> -2L @100 C/C	8 <sup>+</sup> -2L @150 C/C
B5	250X500	2-16 <sup>+</sup>	2-16 <sup>+</sup>	2-16 <sup>+</sup>	ALTH.	2-16 <sup>+</sup>	2-16 <sup>+</sup>	8 <sup>+</sup> -2L @100 C/C	8 <sup>+</sup> -2L @150 C/C
B6	250X500	2-16 <sup>+</sup> 3-20 <sup>-</sup>	2-16 <sup>+</sup>	2-16 <sup>+</sup>	2-16 <sup>+</sup> 2-20 <sup>-</sup>	2-16 <sup>+</sup>	2-20 <sup>-</sup>	8 <sup>+</sup> -2L @100 C/C	8 <sup>+</sup> -2L @150 C/C
B7	250X500	2-16 <sup>+</sup> 1-16 <sup>-</sup>	2-16 <sup>+</sup>	2-16 <sup>+</sup>	2-16 <sup>+</sup> 2-20 <sup>-</sup>	2-16 <sup>+</sup>	2-20 <sup>-</sup>	8 <sup>+</sup> -2L @100 C/C	8 <sup>+</sup> -2L @150 C/C
B8	250X500	2-16 <sup>+</sup> 1-12 <sup>-</sup>	2-16 <sup>+</sup>	2-16 <sup>+</sup>	2-16 <sup>+</sup> 1-12 <sup>-</sup>	2-16 <sup>+</sup>	2-16 <sup>+</sup>	8 <sup>+</sup> -2L @100 C/C	8 <sup>+</sup> -2L @150 C/C
B9	250X500	2-12 <sup>+</sup> 1-12 <sup>-</sup>	2-16 <sup>+</sup>	2-16 <sup>+</sup>	2-16 <sup>+</sup> 1-12 <sup>-</sup>	2-16 <sup>+</sup>	2-16 <sup>+</sup>	8 <sup>+</sup> -2L @100 C/C	8 <sup>+</sup> -2L @150 C/C

SCHEDULE OF SLAB					
SLAB MKD.	SLAB THIK.	SHORTER SPAN		LONGER SPAN	
		SUPP.(TOP)	SPAN(BOT.)	SUPPORT (TOP)	SPAN (BOT.)
S1	125	8 <sup>+</sup> @100C/C	8 <sup>+</sup> @125C/C	8 <sup>+</sup> @150C/C	8 <sup>+</sup> @150C/C
S2	150	10 <sup>+</sup> @100C/C	8 <sup>+</sup> @100C/C	8 <sup>+</sup> @125C/C	8 <sup>+</sup> @150C/C
S3	100	8 <sup>+</sup> @150C/C	8 <sup>+</sup> @150C/C	8 <sup>+</sup> @175C/C	8 <sup>+</sup> @175C/C
S4	150	10 <sup>+</sup> @100C/C (MAIN)(TOP) WITH 8 <sup>+</sup> @150C/C (DIST.)(TOP)	8 <sup>+</sup> @150C/C (B/W)(BOT.)	8 <sup>+</sup> @175C/C	8 <sup>+</sup> @175C/C
STL	150	12 <sup>+</sup> @125C/C (MAIN) WITH 8 <sup>+</sup> @200C/C (DIST)			
8 <sup>+</sup> 200 DISTRIBUTOR BAR ADDED WHEREVER REQUIRED					

SCHEDULE OF R.C.C. COLUMN				
COLUMN MKD.	COLUMN SIZE	REINFORCEMENT		
		GR. FLOOR & 1ST. FLOOR	2ND. FLOOR & 3RD. FLOOR	LINKS
C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27, C28, C30, C31, C32, C33.	300 x 450	8-16 <sup>+</sup>	4-16 <sup>+</sup> 4-12 <sup>+</sup>	8 <sup>+</sup> -LINK @ 75150 C/C FOR ALL VERT. BAR.
PEDESTAL FOR ALL COLUMN.	400 x 500	6-12 <sup>+</sup> (TOP OF PILE CAP TO TOP OF THE BEAM)		

**NOTES:-**

- PROPOSED PLAN FOR (G+IV) STOREYED RESIDENTIAL BUILDING OF JOSYNA DEY, SAMIR DEY, SANAT DEY, SANJOY DEY, MANIKA CHATTERJEE, BAKUL SHIKARI, DILIP MUKERJEE R.S. DAG NO.48,49 - L.R. DAG NO. 53,54 - R.S. KHATIAN NO.451,433,456 - L.R. KHATIAN NO. 669,1446,2025, 2041, 2127, 3534,3535 - MOUZA - TENTULBERIA, J.L. NO. 44, WARD NO. 01, HOLDING NO. 152, DIST. - 24 - PARGANAS (SOUTH), UNDER RAJPUR-SONARPUR MUNICIPALITY.

**DETAILS SPECIFICATION OF BUILDING**

- ALL DIMENSIONS ARE IN mm. UNLESS MENTIONED.
- THE DEPTH OF SEPTIC TANK & THAT OF THE S.U.G RESERVOIR SHOULD NOT EXCEED THAT OF THE BUILDING FOUNDATION
- ALL EXTERNAL WALLS ARE 200 THK IN BRICK MASONRY (1:5) UNLESS OTHERWISE MENTIONED.
- ALL PARTITION WALLS (INTERNAL) ARE 75 mm. THK IN BRICK MASONRY (1:3) UNLESS OTHERWISE MENTIONED.
- GRADE OF CONCRETE IS M15. CONFORMING TO IS 456-1978.
- GRADE OF STEEL SHALL BE HYSD BARS Fe-415
- PLAIN CEMENT CONCRETE SHALL BE 1:3:6 WITH PICKED KNOWA
- 20 THK EXTERIOR PLASTER WITH 1:6 CEMENT SAND MORTAR
- 12 THK INTERIOR PLASTER WITH 1:4 CEMENT SAND MORTAR
- ALL CHALLIAS & OTHER PROJECTIONS SHALL BE 500 WIDE.
- 25 THK DAMP PROOF COURSE WITH 1:2:4 CEMENT CONCRETE WITH WATER PROOFING COMPOUND OVER ALL WALLS AT PLINTH LEVEL.

**SAFETY CERTIFICATE STRUCTURAL**

THE STRUCTURE DESIGNED AND DRAWING OF BOTH MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOADS AND PER NATIONAL BUILDING CODE OF INDIA AND CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECT.

**Chinmoy Mukherjee**  
Structural Engineer  
E.S.No.111/RJ/SON/E.S.E. of  
Rajpur-Sonarpur Municipality  
SIG. OF E.S. / E.B.A

THE LAND MEASUREMENT IS TAKEN BY ME. LAND MEASUREMENT & ADJUSTMENT ROADS ARE ALL MARKED

**Chinmoy Mukherjee**  
Civil Engineer, B.Tech. M.Tech  
E.B.S No.416/RJ/SON/E.B.S (Class-I)  
of RAJPUR-SONARPUR MUNICIPALITY  
SIG. OF E.S. / E.B.A

**Rupak Kumar Banerjee**  
RUPAK KUMAR BANERJEE  
B.C.E., M.E., MGS., M.I.E.,  
S.T./1/3 (K.M.C.), B.M/GEO-TECH-002  
018/RJP-SON/6-T2014-15, OTR-HIDCO/0000014  
SIG. OF GEO-TECH - II

**CONSTITUTED ATTORNEY OF**  
DILIP NATH MUKHOPADHYAY  
SIG. OF OWNER

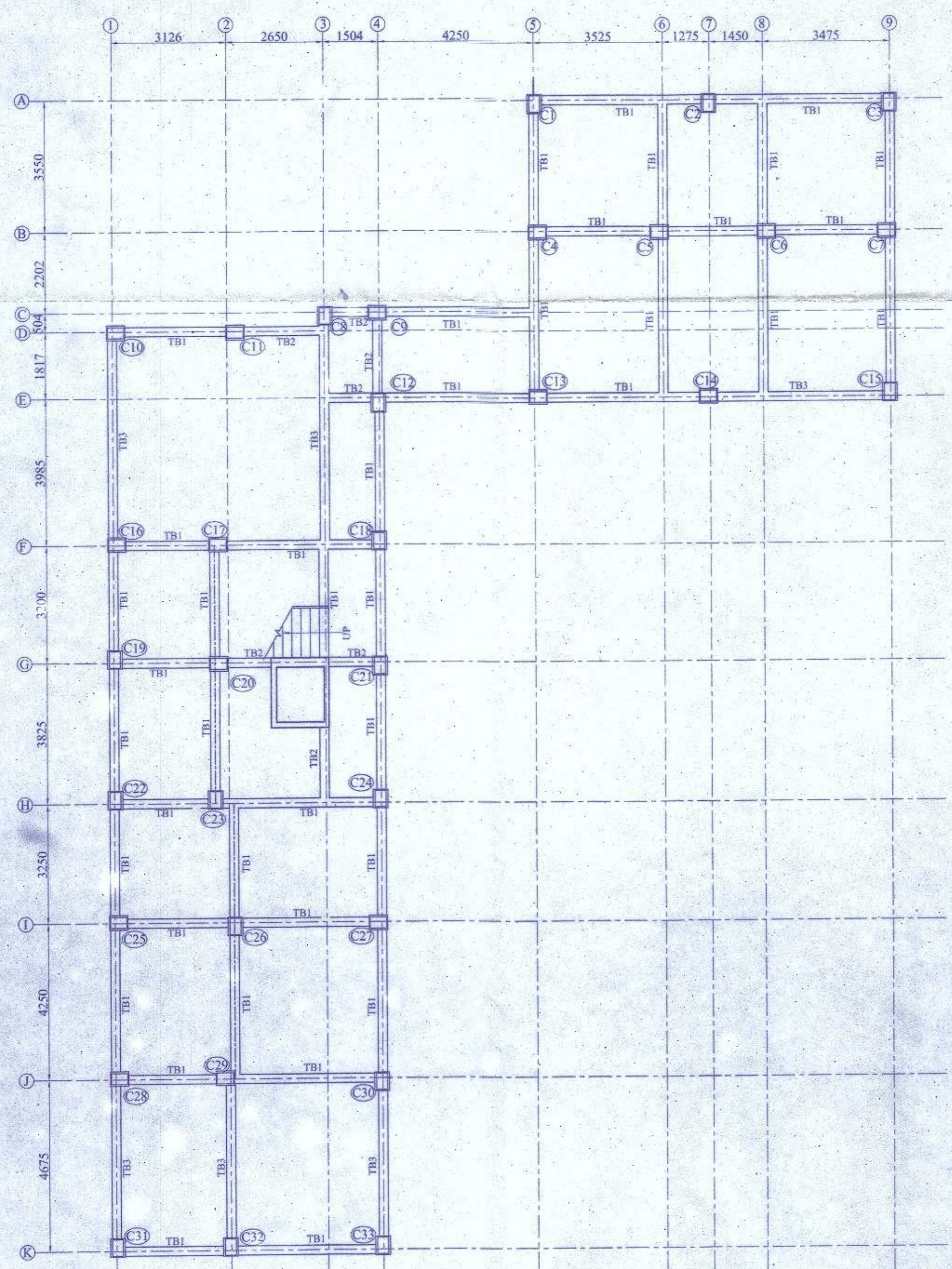
FOUNDATION, TIE BEAM, FLOOR BEAM & SLAB LAYOUT PLAN WITH TYPICAL DETAIL & SCHEDULE.  
SCALE 1:100, 1:50, 1:25

FILE NAME : SP\_153

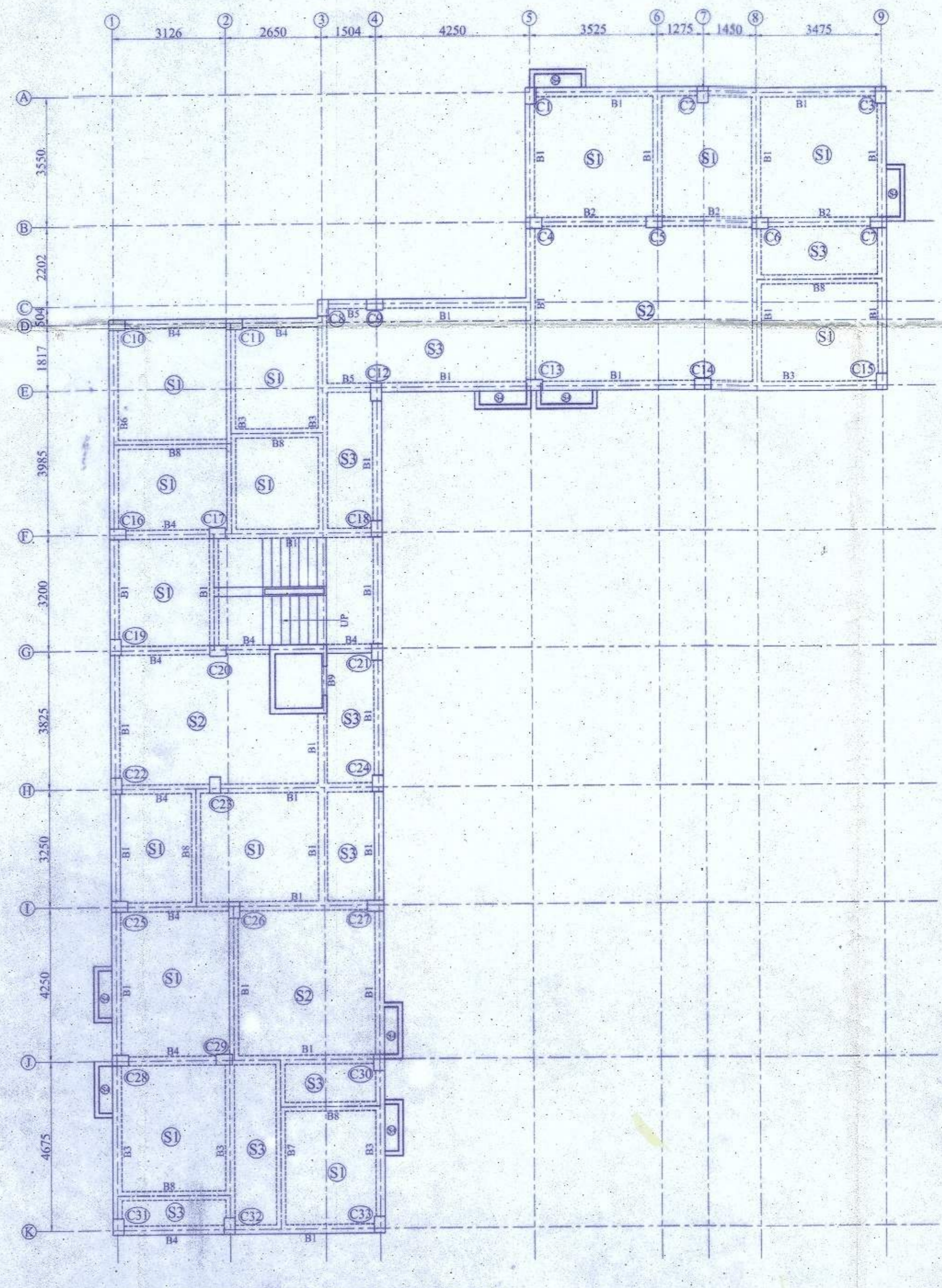
**RAJPUR-SONARPUR MUNICIPALITY**

SIG. OF S.A.E.  
Structural plan as submitted by the structural Engineer have been kept with Building Plan No. 12423/1/15. Dated On: 24/11/2022 for record of the Rajpur-Sonarpur Municipality without Verification No. deviation from the submitted structural plan should be made at the time of erection without submitting fresh structural plan along with design calculation and shall certify in the prescribed form necessary steps should be taken for the safety of the adjoining premises public private properties and safety of human life during Construction

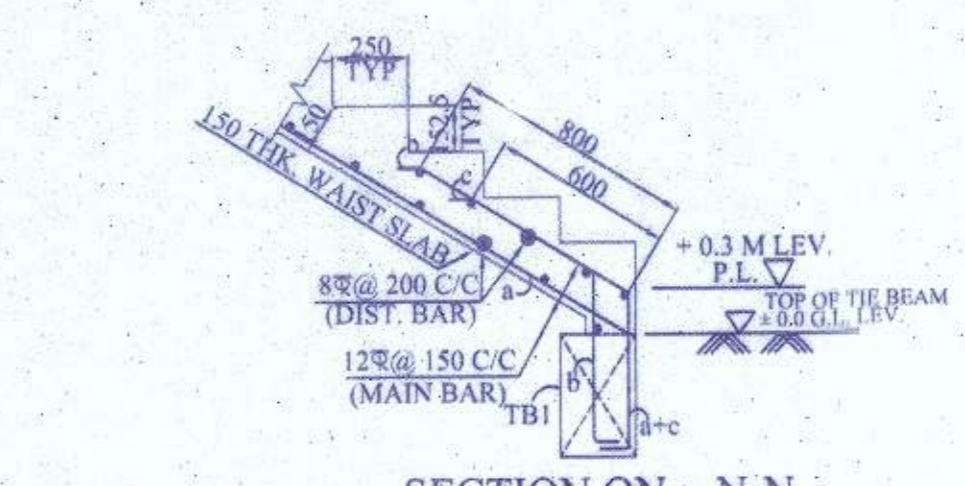
**Sig. of Assistant Engineer.**  
Incharge P.W.D  
RAJPUR-SONARPUR MUNICIPALITY



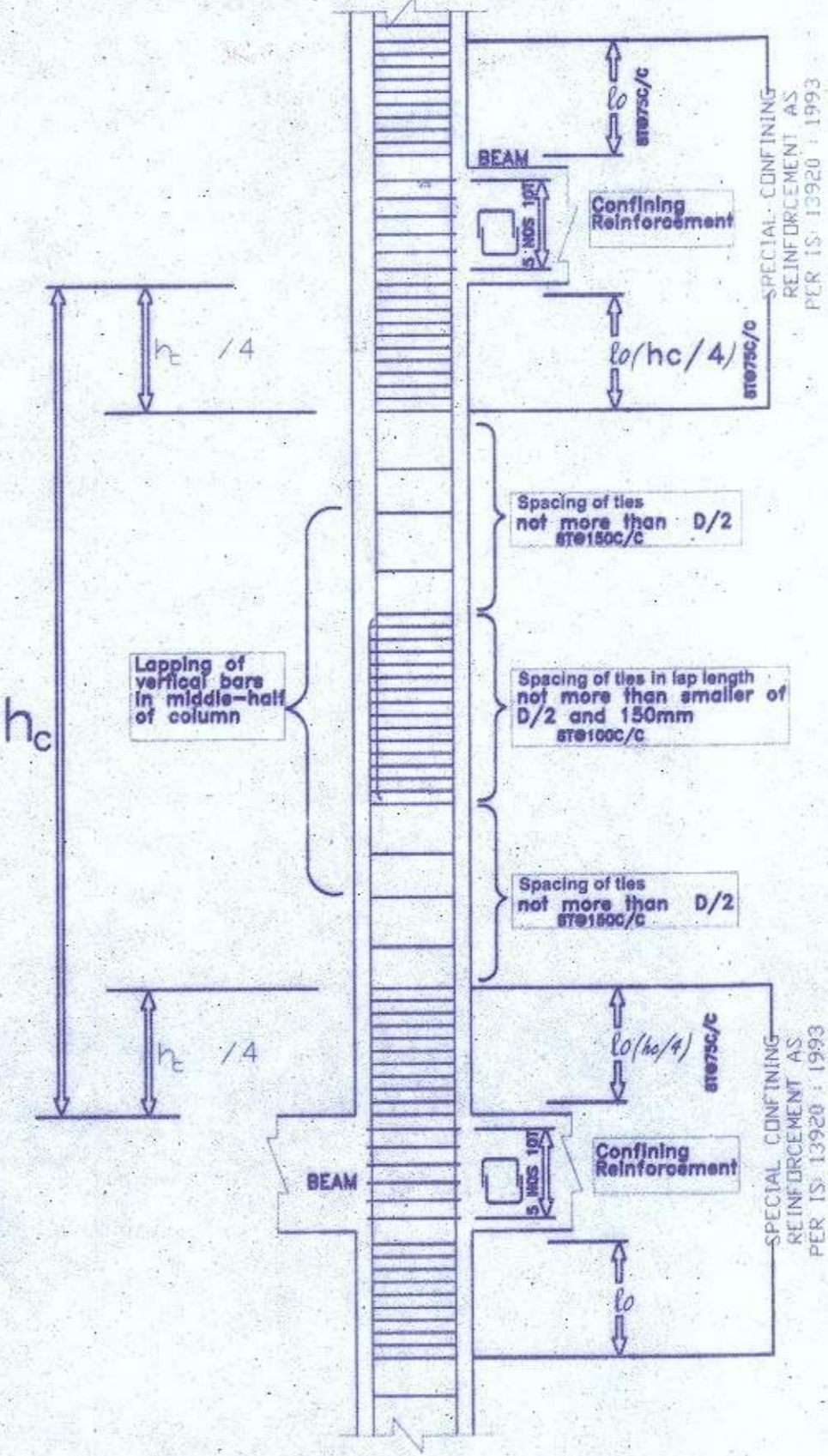
TIE BEAM LAYOUT PLAN (AT ±0.0M LEV.)



FLOOR BEAM & SLAB LAYOUT PLAN



SECTION ON - N-N TYP. R.C.C. DETAILS OF STAIR.



SHOWING STIRRIUP ARRANGEMENT OF COLUMN