

**STRUCTURAL PLAN OF G+4 STORIED BUILDING
AT MOUZA- KUMRAKHALI, J.L.NO. 48, L.O.P.- 07,
08, R.S. 551 (P), 552(P), WARD NO. - 27,
HOLDING NO. 58, P.S. - NARENDRAPUR, DIST.
24-PARAGANAS (SOUTH) UNDER RAJPUR
SONARPUR MUNICIPALITY**

TIE BEAM

BEAM MKD	SIZE	REINFORCEMENT				TIRRSUPS
		SUP		SPAN		
		TOP	BOT	TOP	BOT	
TB1	250X350	3-12 ⅘	3-12 ⅘	3-12 ⅘	3-12 ⅘	8 ⅘ @ 200 C
TB2	250X350	4-12 ⅘	4-12 ⅘	4-12 ⅘	4-12 ⅘	8 ⅘ @ 200 C

BEAM SCHEDULE

BEAM MKD	SIZE	REINFORCEMENT				TIRRSUPS
		SUP		SPAN		
		TOP	BOT	TOP	BOT	
B1	250X350	2- 12 2- 12	2- 12	2- 12	2- 12 2- 12	8 @ 200 C
B2	250X350	2- 12 2- 16	2- 12	2- 12	2- 12 2- 16	8 @ 200 C
B3	250X350	4- 12 2- 16	2- 12	2- 12	4- 12 2- 16	8 @ 175 C
B4	250X400	4- 16 2- 12	2- 12	2- 12	4- 16 2- 12	8 @ 175 C
B5	250X400	4- 16 4- 12	4- 12			8 @ 150 C

SCHEDULE OF COL. & FOUNDATION.

COL MKD	SIZE	REINFORCEMENT	STIRRUP	BASE SIZE	REINFORCEMENT
C-1	C-21	250X400	4-16	2100 X 2100	12 @ 150 C/C BOTHWAYS
C-22	C-23	250X400	8-16	2200 X 2200	12 @ 150 C/C BOTHWAYS
C-24	C-25	250X400	8-16	2400 X 2400	12 @ 150 C/C BOTHWAYS
C-26	C-6	250X400	8-16	2500 X 2500	12 @ 125 C/C BOTHWAYS
C-27	C-4	250X500	12-16	2700 X 2700	12 @ 125 C/C BOTHWAYS
C-28	C-7	250X500	12-16	2800 X 2800	12 @ 125 C/C BOTHWAYS
C-29	C-15	250X500	12-16	3000 X 3000	12 @ 125 C/C BOTHWAYS
C-30	C-13	250X500	12-16	5250 X 5650	12 @ 125 C/C AT TOP & BOT 10M & 1L STIRRUP 375C/C

NOTES:-

- ALL DIMENSIONS ARE TO BE CHECKED AT SITE.
- MADE UP GROUND LEVEL TO BE FIXED UP BY THE ENGINEER-IN-CHARGE AT SITE.
- LAP LENGTH AND COVER TO REINFORCEMENT SHOULD BE PROVIDED AS PER I.S. CODE OF PRACTICE IS.456-2000.
- ALL REINFORCEMENT ARE HIGH STRENGTH DEFORMED BARS CONFORM TO IS.1786-1985 WITH LATEST AMENDMENT (GRADE Fe415, TMT BARS, MKD, AS6).
- ALL DIMENSIONS SHOWN IN THIS DRAWING ARE STRUCTURAL DIMENSIONS, UNLESS OTHERWISE MENTIONED.
- CONTRACTORS TO STUDY THE DRAWING CAREFULLY AND CLARIFICATION REGARDING DISCREPANCY, IF ANY SHOULD BE OBTAINED FROM ENGINEER-IN-CHARGE BEFORE TAKING UP THE ACTUAL WORK.
- GRADE OF CONCRETE SHALL BE AS FOLLOWS :-
COL. FOOTING, COLUMNS, TIE BEAMS, FLOOR BEAM, SLAB - M25
- ALL DIMENSIONS ARE IN MM. AND LEVELS ARE IN M. UNLESS OTHERWISE SPECIFIED.
- CLEAR COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS:
(a) COLUMNS - 40 MM.
(b) BEAMS - 30 MM.
- LAP LENGTH SHALL BE MINIMUM 50 x DIA OF SMALLER BAR TO BE LAPPED, LAP SHALL BE STAGGERED, NOT MORE THAN 50% OF BARS TO BE LAPPED AT ANY SECTION.

DECLARATION OF E.S.E.

CERTIFY THAT THE FOUNDATION AND THE SUPER STRUCTURE HAVE BEEN SO DESIGNED THAT IS SAFE IN ALL RESPECT INCLUDING THE CONSIDERATION OF BEARING CAPACITY AND SETTLEMENT OF SOIL.

Sashi Bhushan Basu
SASHI BHUSHAN BASU
Empowered Structural Engineer
of Rajpur-Sonarpur Municipality
Empowerment No. - 14/RP/SONE SE-II/2016-17

SIG. OF STRUCTURAL ENG.

S. Chakrabarti
SANKAR CHAKRABARTI
M. Tech (SOIL MECH)
Consultant Geotechnical Engg.
Enrollment No. 004/G.T.E./RIPSON

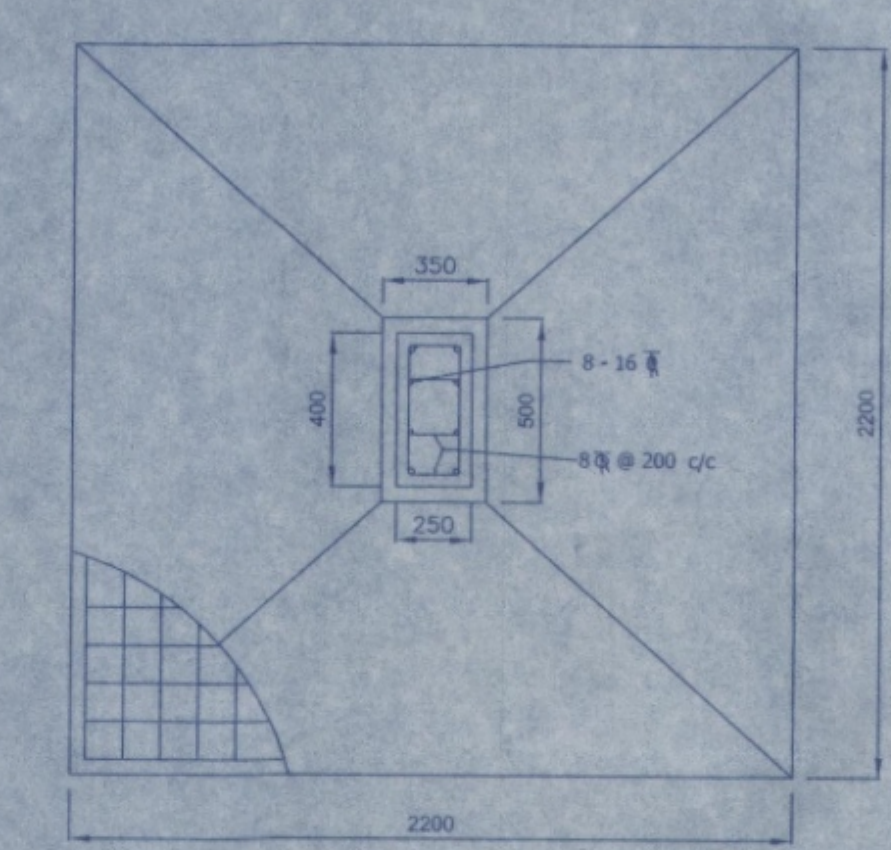
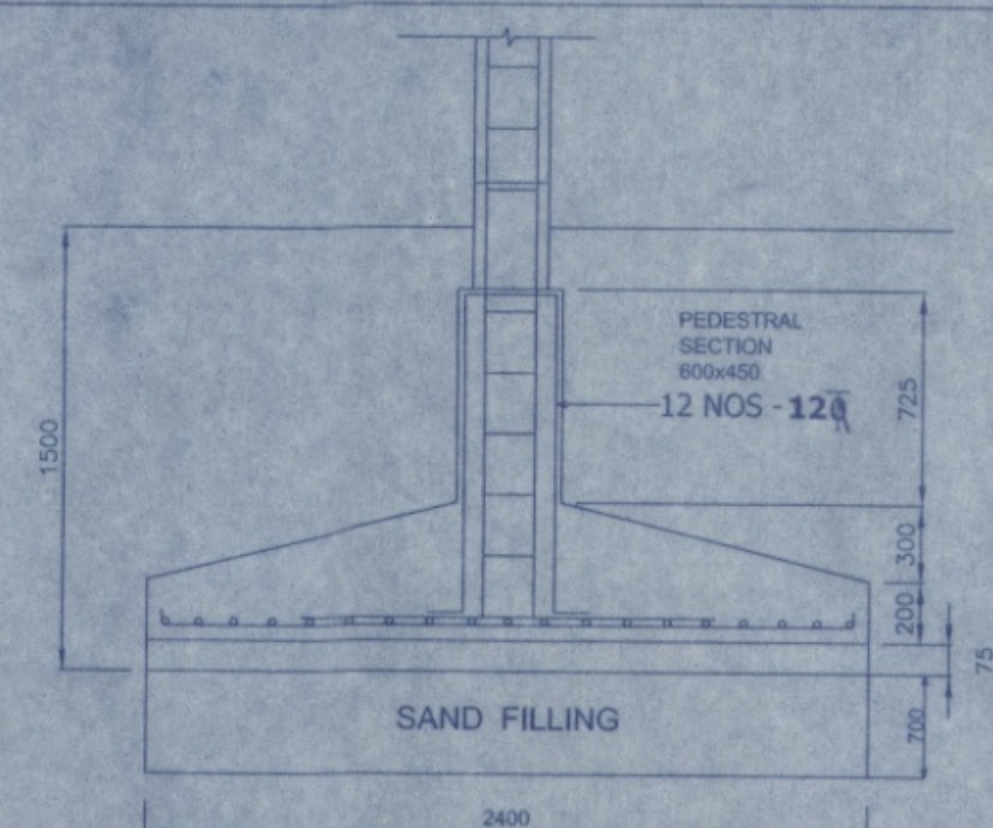
SIG. OF GEO. TECH. ENG.

Himanshu Construction
Himanshu Construction
Proprietor

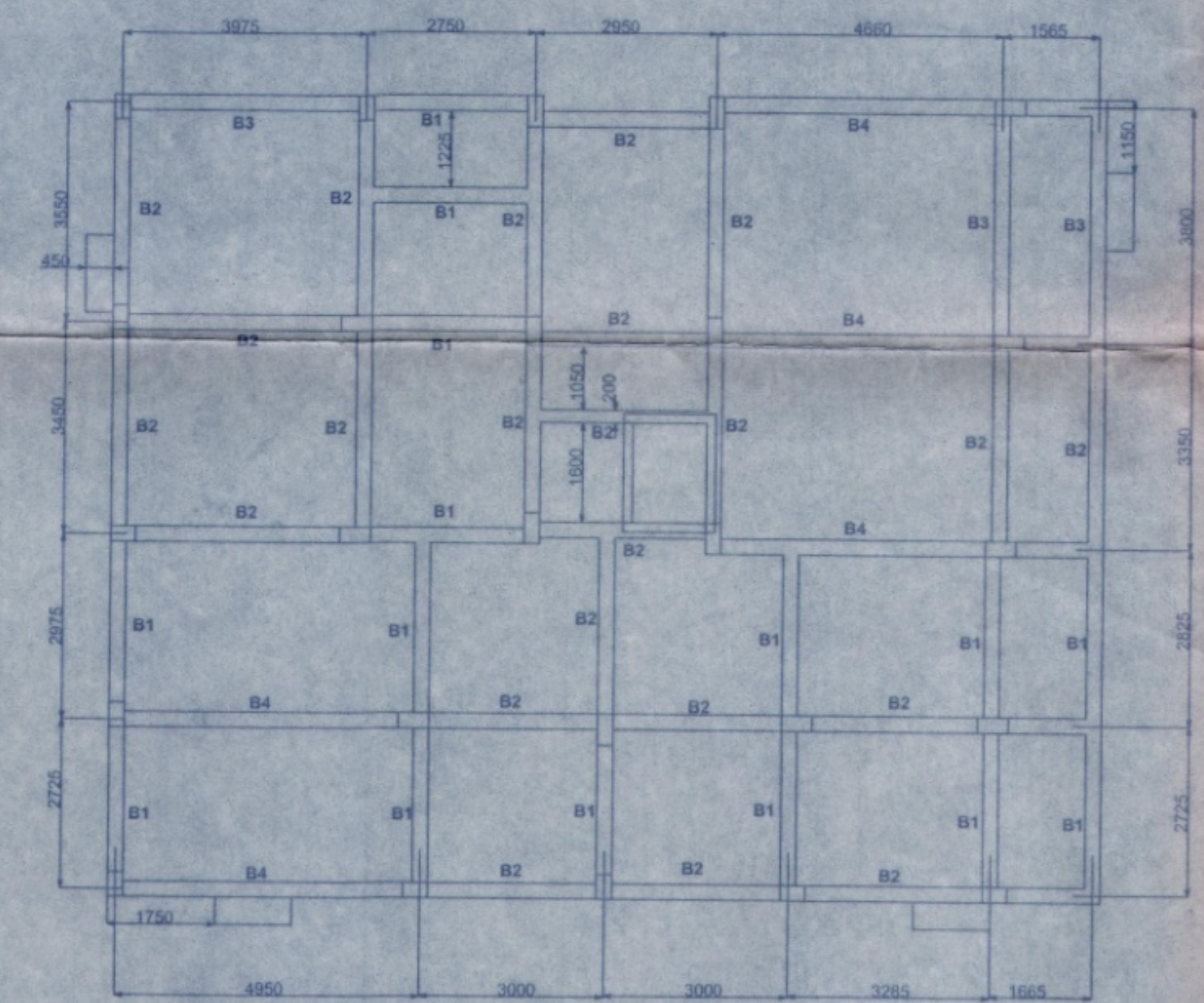
SIG. OF OWNER

Structural plan as submitted by the structural Engineer have been kept with Building Plan No. 52/09/27/31. Dated On 24/06/2022 for record of the Rajpur-Sonarpur Municipality without Verification No. deviation from the submitting structural plan should be made at the time of erection without submitting fresh structural plan along with design calculation and stability certificate 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.

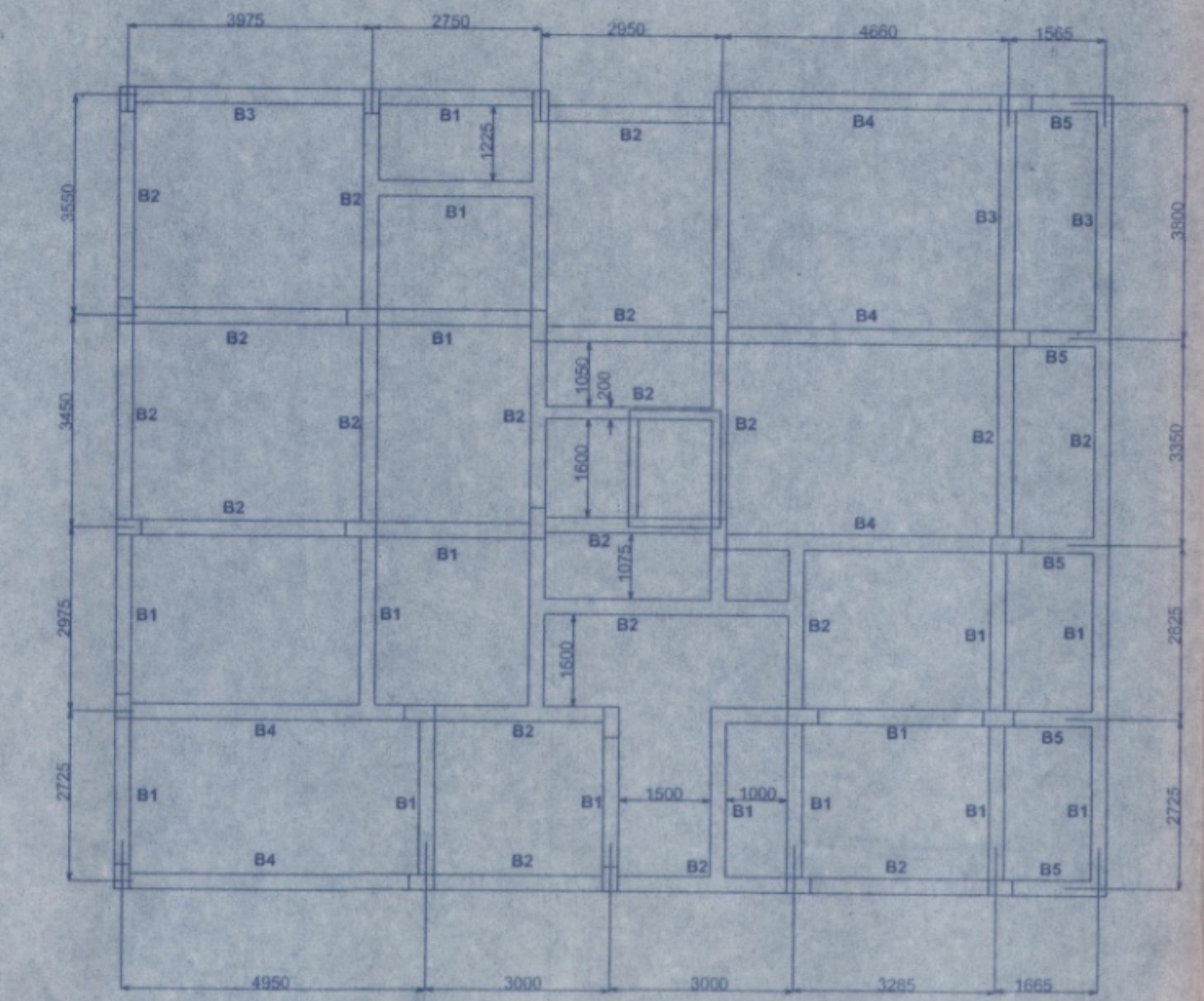
W. P. D.
W. P. D.
Sig. of Assistant Engineer,
incharge P.W.D.
RAJPUR-SONARPUR MUNICIPALITY



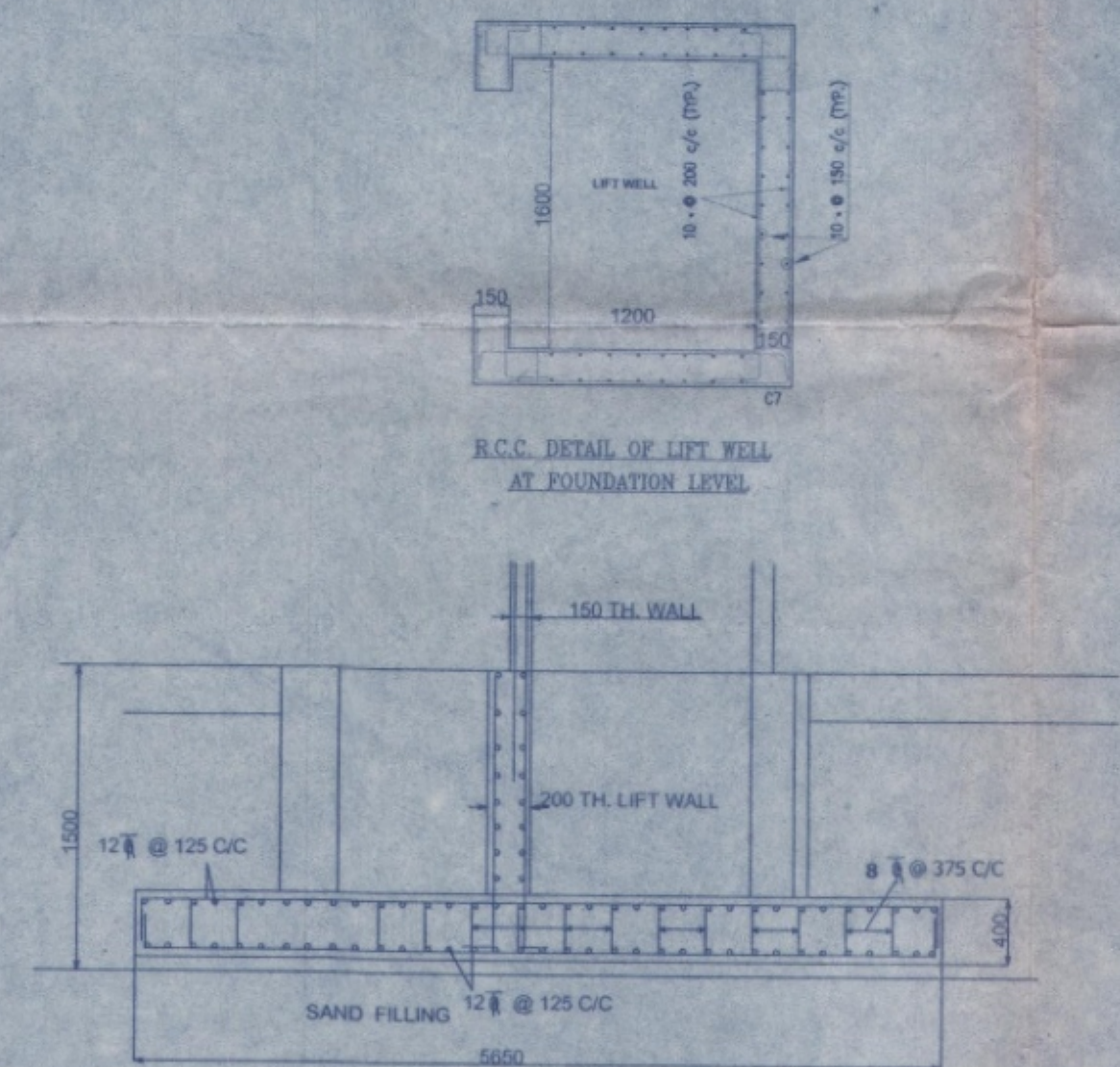
DETAILS OF COLUMN BASE



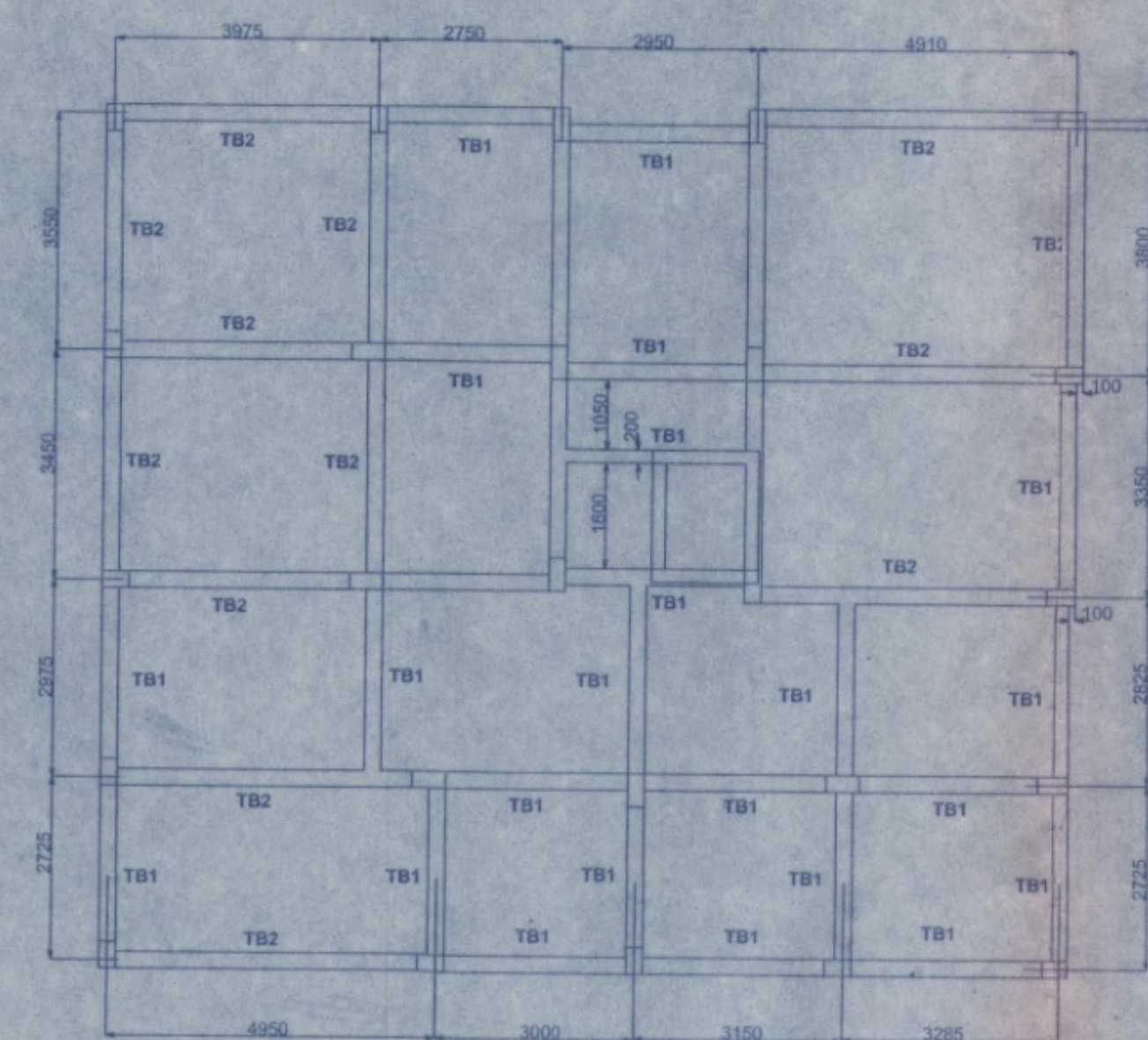
BEAM PLAN AT 2ND, 3RD, 4TH & 5TH FLOOR LEVEL



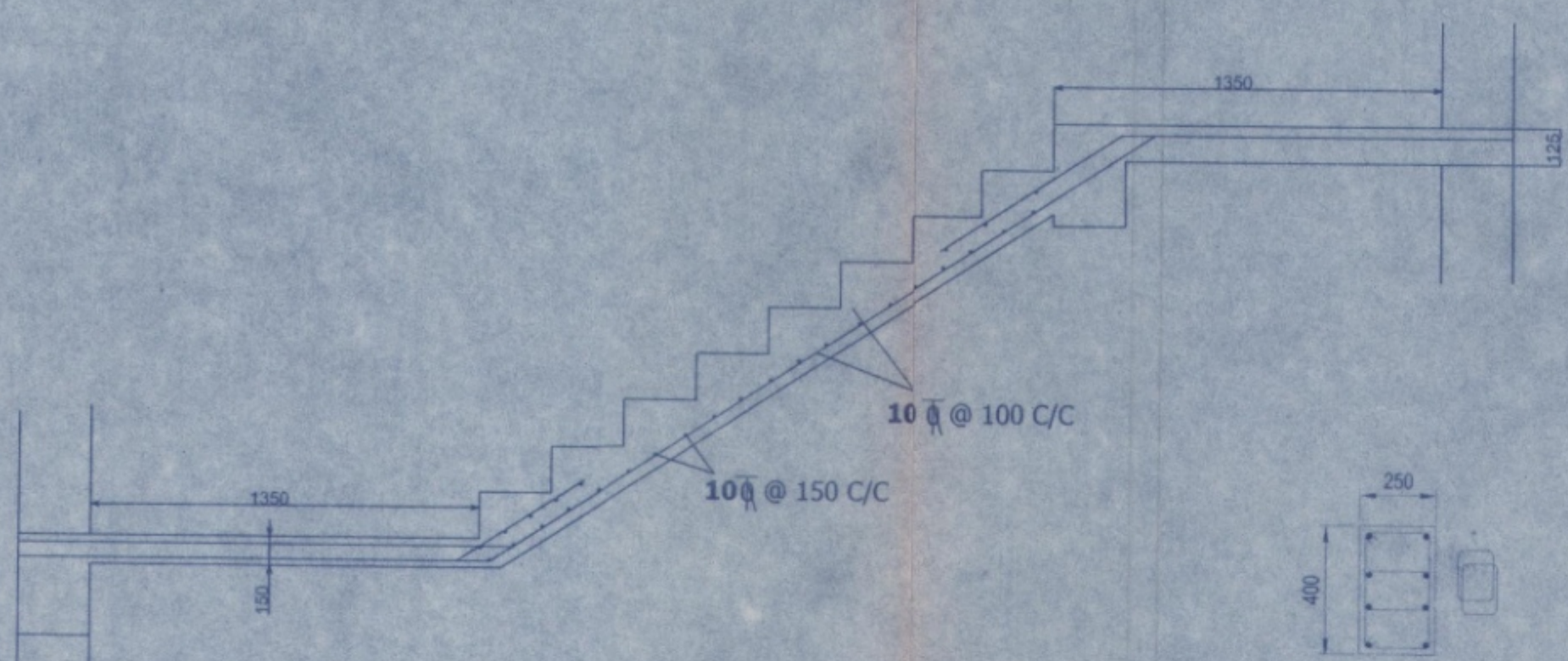
BEAM PLAN AT 1ST. FLOOR LEVEL



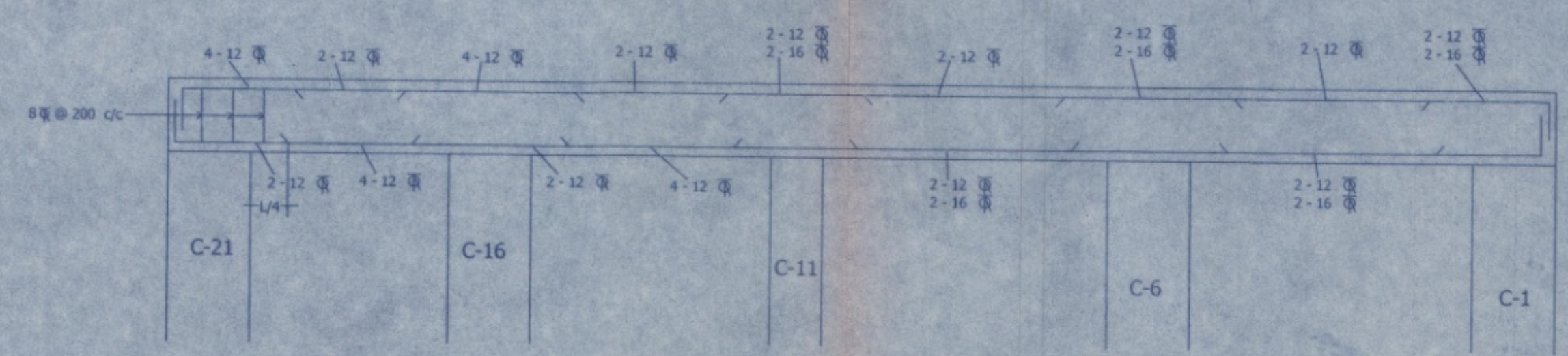
SECTION C-C



TIE BEAM



RESIDENTIAL STAIR DETAILS



FOUNDATION PLAN

Stacking of building materials on / beside the public roads is illegal, and the Municipality may confiscate those materials as per rule.

রাস্তার উপর বাড়ী তৈরীর মাল মশলা রাখাই বাধা থাকবে না। যদি রাখা হয় তাহলে পৌরসভা এ মাল মশলা বাজেয়াপ্ত করতে পারবে।

Transfer of occupancy right of any flat of the building before the receipt of completion certificate is illegal.

সমাপ্তি শংসাপত্র প্রাপ্তির পূর্বে বাড়ীর কোন ফ্ল্যাট বা অংশ হস্তান্তর বৈধ নয়।

Written information in the prescribed form is to be submitted 7 days before the commencement of construction-work as per sanctioned plan.

নির্ধারিত আকারে প্রদত্ত ফর্মের মাধ্যমে নির্দিষ্ট সময়ের মধ্যে নির্মাণকাজের আদায় করা হবে।

Any deviation from the sanctioned plan is illegal, and hence punishable under the Act.

সংশোধিত বা অন্যভাবে পরিবর্তিত নির্মাণকাজ আইন অনুযায়ী দণ্ডনীয় অপরাধ।

Written information is to be submitted to this office after part or full completion of construction-work.

নির্মাণকাজের সমাপ্তি/অংশী/সম্পূর্ণ হলে পৌরসভাকে লিখিতভাবে জানানো হবে।