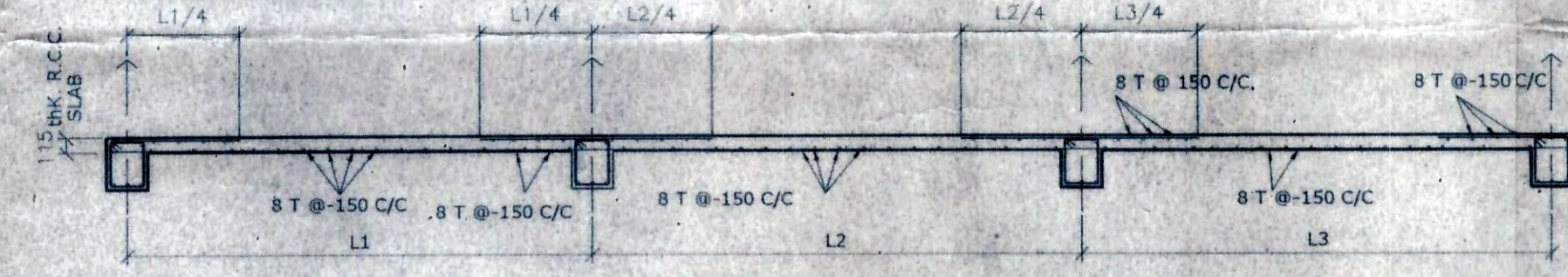


SCHEDULE OF SLAB					
SLAB MKD.	THICKNESS (MM)	REINFORCEMENT			
		ALONG SHORTER AXIS		ALONG LONGER AXIS	
		TOP(UPTO L/4)	BOTTOM	TOP(UPTO L/4)	BOTTOM
S1	115	8 MM-150 C/C	8 MM-150 C/C	8 MM-175 C/C	8 MM-175 C/C
S2	125	10 MM-150 C/C	8 MM-150 C/C	8 MM-225 C/C	8 MM-175 C/C

SCHEDULE OF COLUMN					VERTICAL REINFORCEMENT			SECTION		
COL.MKD.	COL.SIZE	(GROUND TO 1ST FLOOR)	(2ND FLOOR+3RD FLOOR)	(FROM 4TH FLOOR TO ROOF)	LATERAL TIES.	(GROUND TO 1ST FLOOR)	(2ND FLOOR+3RD FLOOR)	(FROM 4TH FLOOR TO ROOF)		
C1,C8,C30,C37,C3,C6,C19,C38,C32,C33,C34,C35.	250X450	4-20+4-16	8-16	4-20+4-12	8 @150 C/C (2 SETS)					
C2,C7,C31,C36,C9,C14,C22,C29,C11,C12,C24,C27,C15,C21,C16,C20,C25.	250x500	8-20	4-20+4-16	8-16	8 @150 C/C (2 SETS)					
C10,C13,C23,C28,C17,C18,C26,C4,C5.	250x550	10-20	4-20+6-16	4-20+6-16	8 @150 C/C (2 SETS 1 LINK)					

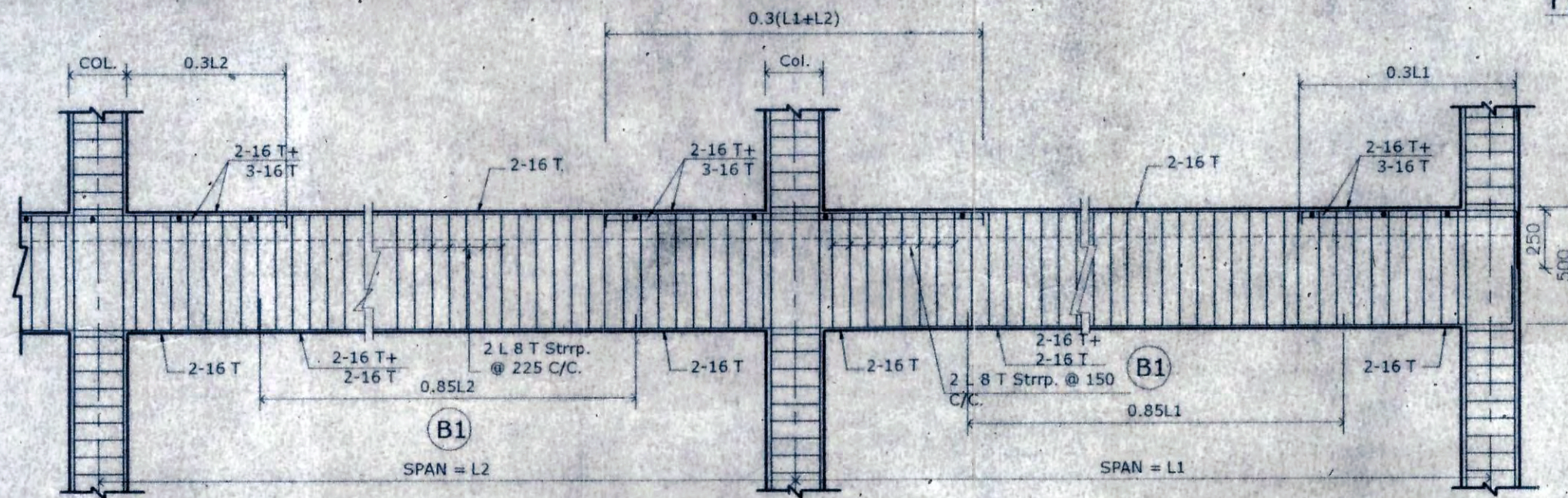
SCHEDULE OF BEAM							
BEAM MKD.	BEAM SIZE	REINFORCEMENT					
		SUPPORT		SPAN		STIRRUP	
		TOP	BOTTOM	TOP	BOTTOM	SUPPORT	SPAN
B	250X350	2-16+1-12(EXTRA)	2-16	2-16	2-16+1-12(EXTRA)	2-8 T-150C/C	2-8 T-225 C/C
B-1	250X500	2-16+3-16(EXTRA)	2-16	2-16	2-16+2-16(EXTRA)	-DO-	-DO-
B-2	250X400	2-16+1-16(EXTRA)	2-16	2-16	2-16+2-16(EXTRA)	2-8 T-125C/C	-DO-
B-3	250X500	3-16+3-16(EXTRA)	3-16	3-16	3-16+3-16(EXTRA)	2-8 T-150C/C	-DO-
B-4	250X500	2-16+2-16(EXTRA)	2-16	2-16	3-16+3-16(EXTRA)	-DO-	-DO-
TIE BEAM (TB)	250X500	3-16+2-16(EXTRA)	3-16	3-16	3-16+2-16(EXTRA)	2-8 T-200C/C	2-8 T-250C/C

- NOTES**
- GRADE OF CONCRET = M20 & M25
  - GRADE OF STEEL FOR CONCRET Fe.500.
  - SOIL INVESTIGATION HAS BEEN DONE BY GEO TEST.
  - CLEAR COVER:
    - a. FOUNDATION : 75mm.
    - b. COLUMN SIDES : 40mm.
    - c. BEAM : 25mm.
    - d. SLAB BOTH : 15 mm.
  5. "L" OF COLUMN 40'D

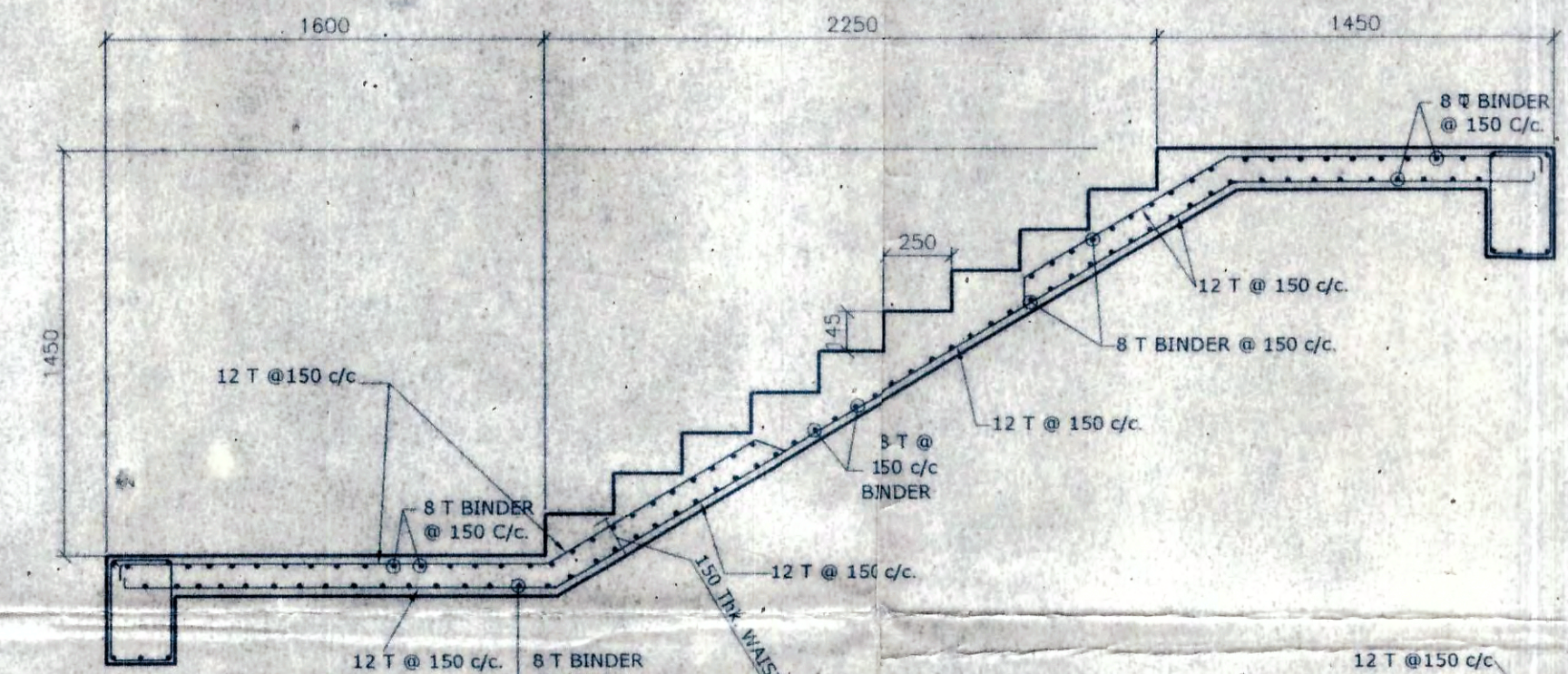


SCHEDULE OF STAIR CASE	
THICKNESS OF WAIST SLAB :	150 MM
THICKNESS OF LANDING SLAB :	150 MM
MAIN REINF :	12 MM-150 C/C
DIST. BAR :	8 MM-150 C/C

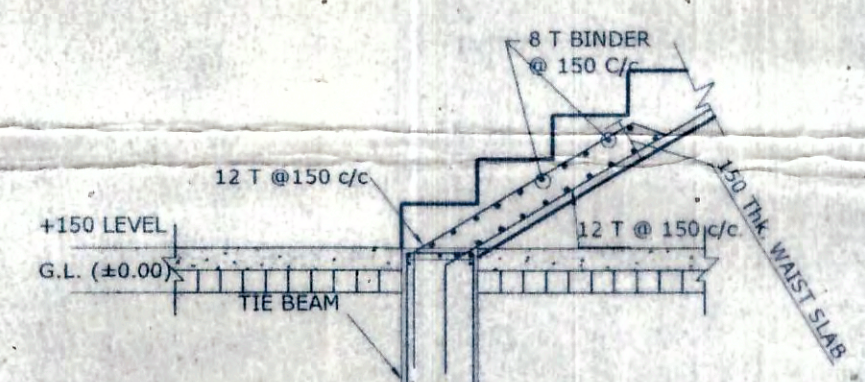
TYPICAL DETAILS OF R.C.C. SLAB S1  
SCALE = 1:50



CROSS SECTION OF BEAM MKD B1 (AT SPAN) SCALE = 1:25



TYPICAL DETAILS OF STAIR CASE.  
SCALE = 1:25



STARTING DETAILS OF STAIR CASE.  
SCALE = 1:25

**CERTIFICATE OF I.B.A.**  
I CERTIFY WITH FULL RESPONSIBILITY - THAT THE BUILDING PLAN HAS BEEN DRAWN AS PER PROVISION OF THE WEST BENGAL MUNICIPAL BUILDING RULES 2007. THE SITE CONDITION INCLUDING THE WIDTH OF THE ABUTTING ROAD CONFIRM WITH THE PLAN THAT IT IS BUILDABLE AND NOT TANK OR FILLED UP TANK.

*Opal Chandra Paul*  
OPAL CHANDRA PAUL  
Architect  
Reg. No. CA/2202/2894

SIGN. OF I.B.A.

**CERTIFICATE OF E.S.E.**  
I CERTIFY WITH FULL RESPONSIBILITY - THAT THE FOUNDATION AND THE SUPER STRUCTURE OF THE BUILDING HAS BEEN DESIGNED BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER THE NATIONAL BUILDING CODE OF INDIA AND ALSO CONSIDERING THE BEARING CAPACITY AND SETTLEMENT OF SOIL AND CERTIFY THAT THE BUILDING IS SAFE & STABLE IN ALL RESPECT.

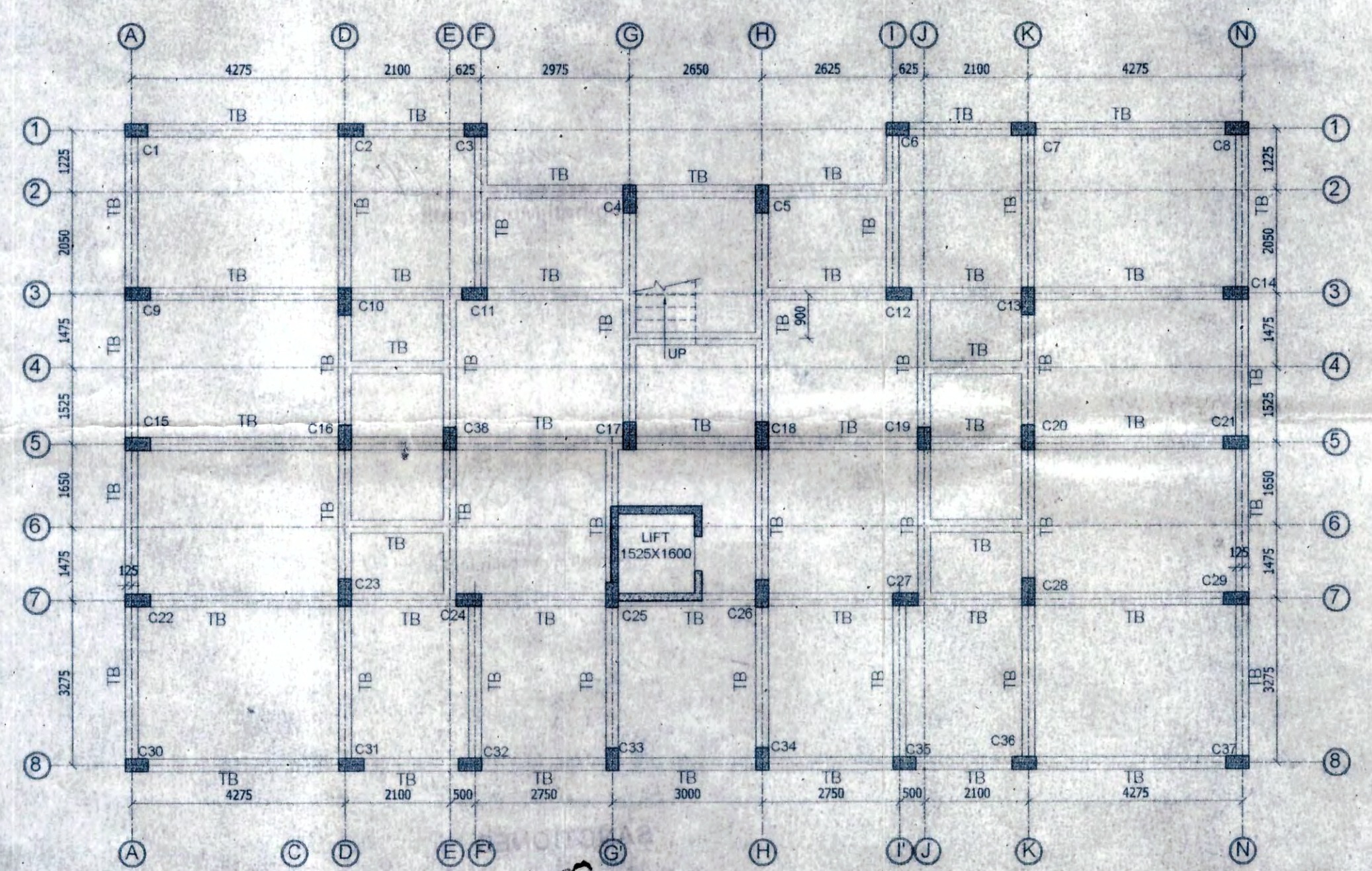
*S. Majumdar*  
S. Majumdar  
B.C.E. M.I.E.  
Chartered Engineer  
M-116010/3

SIGN. OF E. STRUC. ENGINEER :

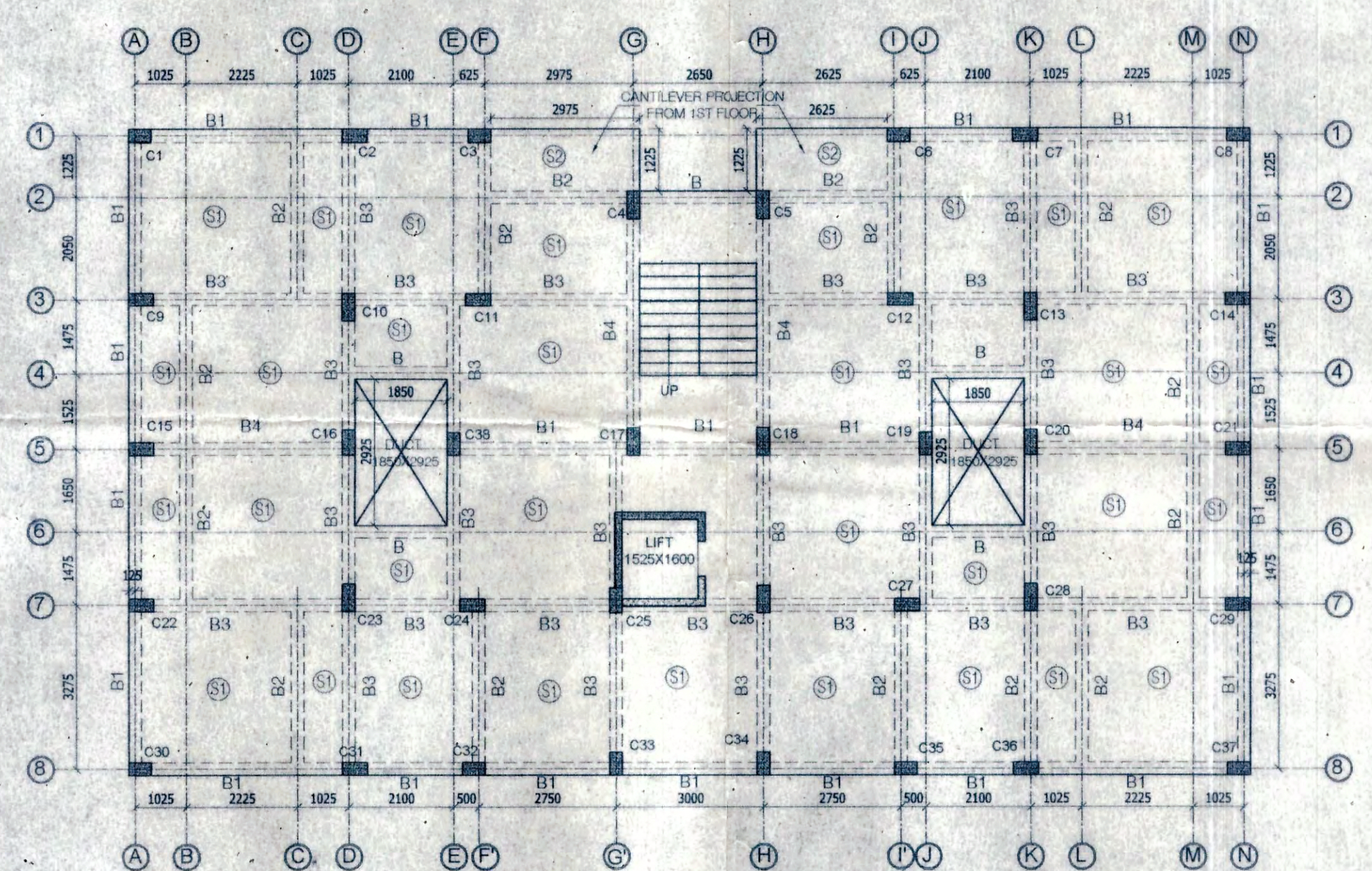
RASHMI DEALER PVT. LTD.  
*Pradip Hiran*  
Director

For SHREEDHAN CONSTRUCTION PVT. LTD.  
*S. Majumdar*  
Director  
For SHREE SHYAM AGRD PVT. LTD.  
*S. Majumdar*  
Director

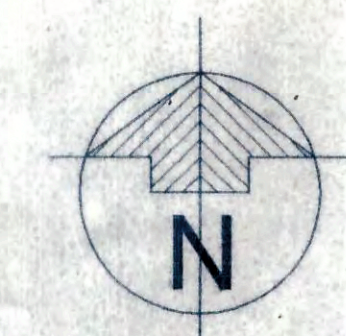
SIGN. OF OWNER



STRUCTURAL LAYOUT OF TIE BEAM, TOP TIE BEAM +150 LEVEL (BLOCK-1)  
SCALE=1:100  
(ALL CENTRE LINES ARE TIE BEAM CENTRE)



STRUCTURAL LAYOUT OF FLOOR BEAM (BLOCK-1)  
SCALE=1:100  
(ALL CENTRE LINES ARE FLOOR BEAM CENTRE)



**PROJECT :**  
REVISED (G+V) RESIDENTIAL BUILDING, AT MOUZA - GHOLA HOLDING NO 32, M.D.KALACHAND ROAD AT J.L NO - 14, TOUZI NO 6, R.S NO 103 COMPRISED OF R.S.DAG NO 834 (P) & 835 APPERTAINING TO R.S KHATIAN NO. 1050 CORRESPONDING TO L.R. KHATIAN NO. 957 UNDER THE POLICE DISTRICT OF GHOLA WITH IN THE LIMIT OF PANIHATI MUNICIPALITY IN WARD NO. 30 IN THE DISTRICT OF NORTH 24 PARGANAS PREVIOUS SANCTION PLAN NO. dated.

**CONSULTANTS :** Archistix consultants  
17/32, DAKSHINDARI ROAD, Kolkata-700 048 (NEAR ULTADANGA V.I.P BRIDGE)  
Tel : 3257 6505, 2534 0561 / +91-9051378702 E-mail - archistix@yahoo.co.in/ archistix@gmail.com

NAME	DATE	TITLE	SCALE
DSGN	G. Majumdar	STRUCTURAL LAYOUT OF TIE BEAM & FLOOR BEAMS DETAILS AND SCHEDULE OF BLOCK-1	1:100, 1:25
DRWN	G. Majumdar		
CHKD	G. Majumdar		
APPD	G. Majumdar	29.04.2017	SHEET 4 OF 5

DRG. No. A C - 2 7 5 - S T / S - 2 9 - 0 4 - 1 7 - 0 4

RELEASED FOR  PRELIMINARY  TENDER  INFORMATION  APPROVAL  CONSTRUCTION

DRAWING STATUS  ARCHITECTURAL  STRUCTURAL  ELECTRICAL  PLUMBING

Dr. J. K. Das  
M. E. S. E.  
Chief Engineer  
Panhati Municipality

(4)

SPL

247 Date: 14 SEP 2018  
The plan has been sanctioned subject to rules & the condition that. Notice of commencement of work and certificate of completion/occupancy should be submitted to the municipality within one month of commencement and completion as per Rule 26 of the W.B.M. Act, 1996 as amended. This sanction shall remain of valid for three years from the date sanction

*14/9/18*  
Sub Assistant Engineer  
Panhati Municipality

*14/9/18*  
Asst. Engineer  
Panhati Municipality

SANCTIONED  
*DM*  
C. N. D. MAN  
PANIHATI MUNICIPALITY 14 SEP 2018

BL-1  
(4)  
standard  
lay out of beam  
2 ft beam details  
and schedule